AD-A187 848 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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BL 4--BCOTT AFB, IL 62225-5458

USAFETAR/DS-87/07

# OPERATING LOCATION - A USAFETAC Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF SURFACE MEATHER OBSERVATIONS

WHITE SANDS MR NM MSC 74734 N 32 38 W 106 24 ELEV 3950 FT WSM

PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD: HOURLY OBSERVATIONS: JAN 53 - DEC 62 NOV 2 0 1987

SLIMMARY OF DAY DATA: AUG 47 - DEC 62

FEDERAL BUILDING

Approved for public release SHEVILLE, N.C. 28801 - 2723



87 11 30 U89

AD-A187 848

### REPORT DOCUMENTATION PAGE

- Report Security Classification: UMCLASSIFIED
- Matribution/Availability of Report: Approved for public release; Distribution unlimited.
- Performing Organization Report Number: USAFETAC/DS-87/071. 4.
- 5. Monitoring Organization Report Number: USAFETAC/DS-87/071.
- e of Performing Organization: USAFETAC/OL-A 6a.
- Office Symbol: 6ъ.
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) White Sands MR NM.
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13**b** Time Covered: Aug 47-Dec 62.
- 14 Date of Report: Nov 87
- 15 Page Count: 312
- 16 Supplementary Notation:
- 17 COSATI Codes: Field--04, Group--02
- Subject Terms: \*climatology; \*weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); White Sands MR NM; New Mexico; USNM747340
- 19 Abstract: A six-part statistical data summary of surface weather observations for: White Sands MR NM. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- Hene of Responsible Individual: Marianne L. Cavanaugh Telephone: (618)256-2625
  Office Symbol: USAFETAC/LDD 22a
- 22b
- 22c

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RR I

STATION NUMBER: 747340

DATE PRODUCED: 12 NOV 1987

FOURLY DESERVATIONS: JAN 53 - DEC 62

SUPMARY OF DAY DATA: AUG 47 - DEC 62

RR RR RR

STATION NAME: WHITE SANDS MISSILE RANGE NM

CALL ID: WSMF

For

HOURS SUMMARIZED: DOLO-2300.I

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Distribution/ Availability Codes

Avail and/or

OL-A/USAFETAC/MAC/ANS ASHEVILLE NC 288G1

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

- FOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE ANS FORMS 10/10A AT SCHEDULED I
- SUMPARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSFRVATIONS WHICH INCLUDES HOUPLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AMS FORMS 10/10A.
- DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLULING THE MANNER OF  $PR_E$  Sentation.
- STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SPONING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.
- FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE. SEE USAFETAC/IN-83-001. "
  AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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- PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES
- PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES
- PART F: PRESSURE SUMMARIES
- AWSPSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COPPRISED THE WHO NUMBER WITH THE ADDITION OF A SUFFIX OF THROUGH 91. IN CASES WHERE THERE IS NO DESIGNATED WHO NULL A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERED AS DATSAY OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15-000 REPORTING STATIONS WORLD WICE.

STATION	NO ON SUMMARY	STATION NAME		LATITU	DE TE	ONSITUDE	FIELD ELEV	FF.)   CALL S	16 %	wwo numera
747	340	White Sands Missile Rang	e NM	N 32	1	₩ 106 24	3950 Ft			
		STATION LOCAT	ION A	ND IN	STRU	MENT	ATION	HIST	ORY	
NUMBER OF LOCATION		SEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LE	TO	LATITUDE	FONCILADE	ELEVATION FIELD (FT)	H ABOVE MSL HT. BARO.	OBS PER DAY
1		nds Missile Range NM	AF	Aug 47	Dec 62	N 32 38	w 106 24	3950 Ft	Unkn	24
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NUMBER	DATE	SURFACE T	FIND EQUIPMENT	INFORMATION						
of Location	of CHANCE	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	CHORND HT VBOAE	REMARKS, AD	DITIONAL EQUIP	NENT, OR REA	ISON FOR CHANGE
		n/a		N/A	N/A					
			•			1				
	l	l			1		1			

CONTINUED ON REVERSE SIDE

1000 0-19 (OL A)

PPPPPPPP AAAAAA RRMRRRR ITTTTTTT AAAAAA
PPPPPPPPPP AAAAAAAA RRMRRRRR TVITTTTTT AAAAAAA
PP PP PP AA AA RR RR IT AA AA
PPPPPPPPP AA AA RR RR RR IT AA AA
PPPPPPPPP AA AA RRMRRRRR IT AAAAAAAAA
PPPPPPPPP AAAAAAAAA RRMRRRRR IT AAAAAAAAAA
PP AA AA RR RR IT AAAAAAAAA
PP AA AA RR RR IT AA

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### WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

#### WEATHER CONDITIONS SUMMARY

- 1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION
- 2. PATA BASED ON POURLY OBSERVATIONS.
- . SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY TALL YEARS COMBINEDI.

#### ATMOSPHERIC PHENOMENA SUMMARY

- 1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS to vision.
- 2. DATA BASED ON SUMMARY OF DAY DATA.
- 3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMPINED.

### DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

FAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OF FREEZING DRIZZLE.

SHOW AND/OR SLEET. SHOW INCLUDING SHOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET CICE PE

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: IF IS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. PECAUSE MORE THAN O' OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLEXCED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG. ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

PLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND COMPINATION THEREOF.
THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA
VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECALSE MORE THAN ONE PPENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".O" INDICATES LESS THAN . OSR OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE

ويسلمناه فاستنصف

2. METAR STATIONS (BEGINNING IN JAM 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 1C/10, AND TRANSMITTED LONGLINE ONLY THE MIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINMING IN JAM 1973, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HEFEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR MOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TARLES.

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: JAN

FOURS (LST)	RAIN TSTMS E/OR DRIZZLE	FRZING SNOW RAIN E/OR G/OR SLEET DRIZZLE	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR BLOWING MAZE SNOW	DUST 6/OR Sand	# 085 W/CBST TO WISION	TOTAL OBS
00-03	2.6	1.5	*******	4.1	1.0	• • • • • • • • • • • • • • • • • • • •	•••••	1.0	775
03-05	] 3.1	1.3		4.5	•6		•2	. 6	828
£6-08	J 3.1	1.4		4.5	.6		.4	1.2	779
9-11	1 2.9	1.4		4.2	1.7		.4	2.1	780
12-14	3.2	.8	-1	4.0	1.3		1.4	2.7	78 G
15-17	3.7	• 5		4.2	. 9		1 • 2	2.1	767
18-20	2.9	1.1		4.1	.1	•	1.6	1 - 1	714
21-23	1 3,1	1.4		4.5			.7	.7	714
TOTALS	3.1	1.2	•0	4.3	• 8		.7	1.5	6137

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: FEB

HOURS (LST)	TSTHS	RAIN 6/OR Drizzle	FRZING RAIN E/OR Drizzle	SNOW E/OR SLEET	HAIL	2 085 WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	\$ 0 <sub>8</sub> S w/cBST 10 vision	TOTAL OBS
სე-02 (	 	1.7	• • • • • • • •	1.0	•••••	2.7	. 4	•••••	• • • • • • • • •	1.5	2.0	714
03-05	)	2.0	•1	. 6		2.9	1.2		. 4	1.6	3.2	758
06-08	)	1.0	.4	1.5		2.8	1.3		.4	1.4	3 • 1	714
C9-11 (	)	1.5	.3	1 • 4		3 • 2	.7	•1		2.2	3.1	714
12-14 (	I	1.4		1.4		2.8	. 3			3.9	4.2	714
15-17	• 1	1.6		1.4	. 1	3.0	. 4	•1		5.6	6.1	702
18-20	<b>t</b>	1.7	•2	1.1		2.9	. 8	.5		2.4	3.7	657
21-23 (	I	1.7		1.1		2.7	• 3	• 5		1.1	1.8	657
10TALS	•0	1.0	.1	1.2	.0	2.9	.7	• 2	.1	2.5	3.4	5630

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	30	-		
STATION NUME	ER: 74734C	STATION NAME:	WHITE SANDS HR NM	PERIOD OF RECORD: 53-62 Month: Mar

FOURS (LST)	l TSTMS I	RAIN E/OR DRIZZLE	FRZING RAIN E/OP S DRIZZLE	SNOW ¿/OR Leet	FAIL	1 OBS WITH PRECIP	FOG	SMOKE E/OR Paze	BLOWING SNOW	DUST E/OR Sand	R OBS W/CBST TO VISION	TUTAL OBS	•••
00-02		2.8	•••••	. 9	•••••	3.7	• • • • • • • •	• • • • • •	••••••	.6	.6	786	•••
03-05	<b>t</b> •	2.4		1.0		3,4				.8	.8	834	
C6-08	.1	2.0		1.3		3.3	• 1	. 3		1.1	1.5	786	
09-11	1	2.3		1.1		3.3	. 3	. 4		2.8	3.4	786	
12-14	i .1	2.4		.8	•1	. 3.2	• 3	. 4		5.3	6.5	786	
15-17	4	2.1		• 9		2.7	• 4			6.5	6.9	768	
18-20	, .1	3.0		.4		3.4			•	4.9	4.9	706	
21-23	1	3.5		.8		4.4				2.4	2.4	7 0 6	
TOTALS	l .1	2.6		. 9	•0	3.4	• 1	•1		3.1	3.3	6162	

STATION NUMBER:	74734C	STATION WARE:	WPITE SANDS MR NM	PERIOD OF RECORD: 53-62
				MONTH: APR

FOURS   (LST)	TSTMS D	RAIN E/OR Orizzle	FRZING RAIN E/OR DRIZZŁE	SNOW &/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING Snow	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	• • • • • • • • • • • • • • • • • • • •	. 5	••••			• 5		. 1		2.0	2.1	756
G3-C5		.6				.6		.•		1.6	2.0	804
05-08		. 7				.7		1.5		1.7	3.2	756
09-11		1.6		•1		1.7		1.2		2.1	3.3	756
12-14	. 1	1.2				1.2		.9		5.6	6.5	756
15-17	.1	•6			. 1	.6		.4		7.9	8.3	721
18-20	• 5	. 6				•6		. 3		5.9	6.2	627
21-23		1.4				1.4				2.6	2 • 6	627
TOTALS 1	• 1	. 9		.0	.0	. 9		. 6		3.7	4.3	5803

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER:	747340 STATI	ON NAME:	WHITE SANDS	MR NM		PERIOD Month	OF RECORD:	53-62		
HOURS (LST)	t TSTMS	RAIN G/OR DRIZZLE	RAIN E	ON HAIL	2 OBS WITH PRECIP	SMOKE FOG E/OR PAZE	BLOWING	DUST 6/OR SAND	8 085 10 01 10 01	TOTAL OBS
00-02	ì •5	. 4	• • • • • • • • • • • • • • • • • • • •	*********	.4	•••••	•••••	. 3	• 3	750
03-05	1 .2	1.0			1.0					823
06-08	1	.5			.5	.1		. 5	•6	789
69-11	1 .4	.5			.5			. 9	• 9	789
12-14	1 .4	1.1		• 1	1 1.1			2.3	2.3	789
15-17	i .5	1.3			1.3			3.2	3.2	754
18-20	1 .8	.9			.9			2.3	2.3	643
21-23	1 1.0	1-1			1.1			1.0	1.0	615
TOTALS	1 .5	. , ,	••••		9.0	.0		1.3	1.3	5952

STATION NUMBER:	74734C	STAT1	ON NAME:	WHITE:	SANDS MR N	М		e	PERIOD OF RECORD MONTH: JUN	: 53-62			
HOURS (LST)		TSTMS	DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	+AIL	g QBS WITH PRECIP	FOG	SMOKE E/OR BLOWING HAZE SNOW	DUST E/OR SAND	# ORS W/GBST TO VISION	TOTAL OBS	••••
00-02	1	.5	.5	•••••	•••••	•••••	.5	••••		1.4	1.4	658	• • • •
C3-05	1	. 1	• 3				.3			.6	.6	782	
06-08	ı	. 1	.4				.4			.8	. 8	768	
C9-11	ı		. 3				. 3			.8	. 8	768	
12-14	1		. 6				.8			. 6	• 8	768	
15-17	ı	2.1	3.0			.3	3 • 2			1.3	1.5	756	
18-20	1	3.1	2.6				2.6		• 2	3.1	3 • 2	619	
21-23	•	2.7	3 • ĉ				3.2			1.3	1.3	559	
TOTALS	1	1.2	1.4			.0	1.4		٠.	1.3	1.3	5678	

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM FOURLY $0_{\mbox{\footnotesize{BSERVAT}}}_{\mbox{\footnotesize{10}}}$

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62

								MONTH:	JUL			
HOLRS (LST)	TSTMS	DRI72LE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SHOKE E/OR Paze	BLOWING Snow	UUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	2.5	7.0	• • • • • • • •	••••••	-	7.0	•••••	. 3	•••••	• • • • • • •	. 3	731
03-05	l .4	2.9				2.9						823
06-08	, , ,	3.3				3 • 3	. 3			• 4	• 6	786
c9-11	1 .5	3.2				3.2	. 3			. 4	. 6	786
12-14	3.2	3,2			•1	3.2				. 4	-4	786
15-17	9.7	7.4	•			7 • 4				.6	• 6	771
18-20	5.9	6.4				6 • 4				1.6	1.6	644
21-23	f 5.1	5.8				5 . 8				.8	. 8	624
TOTALS	1 3.4	4.9			•0	4.9	- 1	• C		.5	•6	5951

STATION NUMBER: 79734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62 MONTH: AUG

1			FRZING			1 0BS		SHOKE	••••
FOURS 1	TSTMS	L/OR	RAIN	E/OR	FAIL	bIIu	FOG	u0\3	BLO_ING
(LST)	D	RIZZLE	E/OR	SLEET		PRECIP			SNON
			DETTALE						

FOURS (LST)	TSTMS	DRIZZLE	PRZING RAIN E/OR DRIZZLE	E/OR SLEET	FAIL	FITH PRECIP	FOG	C/ON BLOWING HAZE SNOW	E/OR SAND	# 085 W/CBS1 TO VISION	TOTAL OBS	
r 3-02	1 1.8	4 - 3				4 . 3		•••••••••••••••••••••••••••••••••••••••	• • • • • •	•••••	788	••••
c 3-c5	1 .7	2.4				2 • 4			.1	. 1	840	
06-08	i	1.5				1.5	- 1			. 1	795	
39-11	1 .6	1.0				1.0					795	
12-14	J 3.0	2.6				2 • 6					795	
15-17	l 6,8	4 - 4				4.4					780	
18-20	1 4.5	4.0				4.8			•6	.6	705	
21-23	1 3.5	6.0				6.0			.1	.1	705	
TOTALS	2.6	3.4				3.4	• 9		-1	• 1	6203	

# PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM FOURLY $\sigma_{B\,S\,eRV\,a\,T\,j}ons$

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 Month: Sep

. nac	
CBST TOTAL TO OBS ISION	
753	••••
•2 8 <sub>0</sub> 2	
•7 753	
.5 754	
.5 753	
.4 744	
•1 699	
700	
.3 5958	
•	70 085 SION 753 .2 802 .7 753 .5 754 .5 753 .4 744 .1 699 700

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: OCT

FOURS ( flst)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	FAIL	% UBS WITH PRECIP	FoG	SMOKE E/OR BLOWING HAZE SNOW	DUST E/OR Sand	8 0BS W/CBST 10 V[510N	TOTAL OBS
0 <b>0-</b> n2	.4	2.0	•••••	•••••••	•••••	2.0	.5	••••••	.4	.9	613
C3-05	1	2.8				2 • 8	• 5		. 4	. 8	852
C6-08	l	2.6				2.6	1.1			1.1	613
C9-11		3.3				3 . 3	. 7		.4	1.1	813
12-14	.4	3 • 4				3.4		•1	.7	. 9	813
15-17	.4	2,4				2.4			.5	•5	796
19-20	.4	2.6				2.6			.4	.4	741
21-23 (	. 3	1.6				1.6	• 1		.4	.5	741
TOTALS		2.6				2 . 6	. 4	•0	.4	.8	6384

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS


PERIOD OF RECORD: 53-62 MONTH: NOV STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

H <sub>C</sub> URS (LST)		RAIN TMS E/OR Drizzle	FRZING RAIN E/OR DRIZZLE	SMOW E/OR SLEET	HAIL	% ORS WITH PRECIP	FOG	SMOKE E/OR BLOWING PAZE SNOW	DUST E/OR SAND	# OBS W/CBST TO VISION	T OT AL OB S	
60-02	1	.!	· · · · · · · · · · · · · · · · · · ·	1.4	•••••	1.9	• • • • • • • •	.4	. 3	.7	734	••••
03-05	1	1.0	ı	. 8		1.8	. 4			.4	, 788	
C6-C8	1	2.0	,	.7		2.6	1.0		•4	1.4	732	
09-11	1	2 • 0	)	. 8		2.6	1.0		.5	1.5	735	
12-14	1	2.0	•	.4		3.0	. 3		.7	1.3	732	
15-17	1	1.8	1	• 3		1.8	. 8		1.6	2.5	728	
18-20	1	1.	3	• 6	. 3	2 - 1	.7		•1	• 9	675	
21-23	1	.1 1.:	i	1.3	.3	2.9	• 4		.7	1.2	678	
TOTALS	1 .	.0 1.6	,	• 8	•1	2.3	• 6	•1	. 5	1.2	5802	

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62 MONTH: DEC

HOURS (LST)	   TSTMS 	RAIN E/OR DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNON E/OR SLEET	HAIL	ROBS WITH PRECIP	FOG	SMOKE E/OR HAZE	SNOM Snom	DUST G/OR SAND	VISION	TOTAL OBS	••
£9-02		3.6	.1	1.9		4 • 6	.4			.9	1.3	701	•
C3-05	ı	3.2	•1	1.0		4.4	. 8			• 6	1.5	778	
£6-£8	1 •1	3.2	.1	2.2		5.4	1.1	•1		.4	1.7	719	
39-11	ı	2.1		1.3		3 • 5	.8.			•1	. 9	746	
12-14	ı	2.3		. 9	•1	3.2	. 4	•1		.5	1.1	741	
15-17	ł	2.0		1.0		3 • C	.4			1 - 3	1.7	710	
18+20	ı	2.6		1.0		3.4	• 2			• 3	.5	624	
21-23	ı	2.9		1.5	•2	4.1				••	•2	628	
TOTALS	l .s	2.7	•0	1.3	.0	۹.0	• 5	•0		.6	1.1	5647	

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PEPIOD OF RECORD: 53-62 MONTH: ALL

1 OBS FAIL WITH PRECIP S MOKE .... FRZING RAIN E/OR DRIZZLE R OBS W/OBST RAIN E/OR SNO L E/OR DUST E/OR SAND E/OR BLOWING FOLRS ! TSTMS FOG TOTAL 10 VISION 1L573 DRIZZLE SLEET 6137 . 8 JAN ALL 5.1 1.2 •0 4.3 . 7 1.5 FEB 1.2 • 0 2.9 . 7 2.5 3.4 5630 MAR . 9 • 3 APR .0 . 9 5803 . 1 . 9 • 0 . 6 4.3 HAY . 9 5952 . 5 • 3 . 9 . 0 1.3 1.3 1.2 .0 5678 JUN 1.4 • 0 1.4 1.3 1.3 JUL 3.4 4.9 .0 5951 .0 . 1 • 6 .0 AUG 3.4 • 1 6203 SEP . 2 5958 001 .0 NOV .0 1.6 .6 5002 1.2 .0 •0 •0 . 5 5647 TOTALS | . 7 2.4 ٠0 •0 . 3 1.2 71307 2.8 1.6

# PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENCHENA FROM DAILY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 48-62 MONTH: ALL

MONTH	   TSTMS    -	RAIN 6/OR DR122LE	FRZING RAIN G/OR Drizzłe	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FoG	SMOKE E/OR B HAZE	LOWING Snow	DUST E/GR SAND	A1210M 10 M\CB21 \$ 082	TOTAL OBS
MAL	1 .6	15.5	٠2	7.1	.6	16.1	3.0	•••••••	6	• • • • • • •	3,7	465
FEB	l .5	14.4	, <b>.</b> 5	4.0	. 7	12.9	1.7		• 2	.5	2.4	420
MAR	l 1.8	16.3	.2	3.9	1.1	15.3	• 9			1.5	2.4	457
APR	1 2.9	16.3		.4	. 9	11.6	.4			.7	1.1	447
MAY	5.2	15 • 8		• 2	.6	10.8	. 9	•2		•6	1.7	465
JUN	l 12.7	27.8			1.1	18.2	•2	•2		.7	1.1	456
JUL	i 28.4	53.7			1.1	36 . 1	• 2			1.1	1.3	465
AUG	1 26.7	42.9				31.6	• 2			•2	. 4	465
SEP	10.2	25 • 3				16.9	1.6			.4	2.3	45c
0C T	j 3.9	16.0				12.3	3.2				3 . 2	465
Мол	l .9	9.5		3.1		8,7	1 - 1			.7	1.8	45 <sub>0</sub>
DE C	1 .9	15.2	•2	5.8		13.5	1.5			•2	1.7	465
TOTALS	1 7.9	22.4	•1	2.0	.5	17.2	1.2	.0	•1	.5	1.9	5464

### PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION ISNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

BATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY FECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".O" IN THESE TABLES INDICATES LESS THAN .OS& WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND

SUSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISH "+" PRINTED IN THE TABLES INDICATES THAT THE EXIREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES. ZEROS ARE DISPLAYED IN THE TARLES:

EXTREME DAILY PRECIPITATION:

".GO" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL:

".D" EQUALS NONE FOR THE MONTH CTENTHS!

EXTREME DAILY SNOW DEPTH:

"O" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PATA PRESENTED BY YEAR AND MONTH.

FLSO PPESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "+" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR 1HF MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

# PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION FROM SUMMARY OF DAY DATA

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 47-62

									A MOUNT!	5 IN 1N	CHES							
n ON To	NONE	I TRACE	     .c1	.02   10   .05	l to	to	1 10	1 10	1 10	1 10	5.01 10 10.00	10 (	0VER 20.00	R DAYS! WITH ! MEAS! AMTS!	TOTAL       OBS		HLY AMOU	•
JAN	78.9	9.8	.3	3.5	2.3	2.0	1 2.0		.5			!		11.3	398 j	.61	1.98	.00
FEB	   82.6	   8.4	.3	i   1.2	2.9	1.2	2.3	.9	.3	1				9.0	344	.61	1.76	.00
MAR	!   80.2	7.6	1 1.0	3.6	   2.0	3.0	   1.3 <sub>.</sub>	1.0	( 	! !	( i		i I	12.2	394	.42	2.36	. 36
AP R	84.5	   10.1	1 1.1	1 1.1	.5	   1.*	1 1.1	.3	!	! !	,		ļ !	5.4	367	. 36	1.37	TRACE
MAY	   84.C	   10.3	.3	1.4	1.4	1.6		.3	ļ	1 !			1	5.7	368	.25	.78	• 36
JEN	74.4	17.4	.9	2.4	1.5	1.8	.9	.3	.6	! !			!	8.2	340	.53	1.79	TRACL
JUL	46.8	] ] 3 <sub>0</sub> .3	2.7	4.3	3.2	4.1	4.6	3.0	1.1	}			!	23.0	370	2.28	5,63	.04
AU G	58.3	21.1	1.9	7.6	3.1	3.4	3.1	1.2	.,	•2	!		!	20.6	417	1.03	5.57	.01
SEP	78.0	9.8	.7	2.9	1.9	2.4	2.1	1.9	.2	!	!		[	12,2	419	. 95	2.96	.00
GC T	83.2	1.0	!	2.3	1.8	2.0	1.8	1.1	.7	!	<u> </u>		<u>!</u>	9.8	441	.94	2.99	.00
NO V	1 87.2	6.4	.7	2.0	1.2	1.2	.5	.7	!	! !			į	6.4	406	.34	2.31	•00
DE C	80.8	8.6	.7	2.5	1.7	2.7	1 1.0	1.5	.5	!			į	10.6	4 <sub>0</sub> 7	.86	1.86	•00
ANN	   76.6	   12.2	.9	1 2.9	1 2.0	2:2	   1.8	1 1.1	1 .4		1	) 	! !	1 11.2	4671	5.18	•••••	•••••

# EXTREME VALUES OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: MPITE SANDS MR MM

PERIOD OF RECORD: 47-62

24 FOUR AMOUNTS IN INCHES -M_O_N-T-H-S- ALL														
YEAR	i	MAL	FEB	MAR	AP R	MAY	JUN	JÜL	AUG	SEP	001	NOV	LEC	MONTES
****	ï	•••••	•••••	• • • • • • • •	••••••	•••••	• • • • • • • •		<b>*.33</b>	TRACE	.02		1.65	• • • • • • • • •
48	İ	1.10	. 82	.30	TRACE	.31	1.17	.19	1.04	.27	. 15	TRACE	1.09	1.17
49	1	.66	. 36	.11	.08	.52	*.05	.74	.04	.92	1.71	TRACE	. 8 3	1.71
50	1	- 06	. 26	TRACE	TRACE	.25	-11	1.00	-01	.95	.58	•00	TRACE	1 . CG
51	1	.07	. 36	-19	.42	.10	TRACE	.04	1.15	.04	.37	.19	• 75	1.15
52	1	.40	• gC	•68	.95	. 35	. 44	.63	1.01	.20	.00	.16	.38	1.[1
53	1	. GO	1.01	.05	• 3 0	+.17		••92	•10	-14	.60	•02	.10	
54	1	.06	TRACE	.23	TRACE	.17	-14	-57	-29	.73	. 96	• 38	.04	. \$6
55	ı	. 36	• ე3	•25	TRACE	.04	.13	1.27	.45	.07	1.73	•05	TRACE	1.73
56	1	• 06	• 09	*.00					•.30	.00	*.p3	*TRACE	*.61	
57	1	*1.09		*.52	*.01	*.50	*TRACE	+.41	*.37	*.32	*.33	<b>*.</b> 05	*TR&CE	
56	i	·.10	*.19	* . 9 3	* . 2 3	*TRACE	*1.00	-1.31	+.19	<b>•1.00</b>	*.42	<b>*•22</b>	•.00	*1.22
59	ı	•.14	* . 65	*.12	*TRACE	+.13	* . 35	+.10	+3.60	<b>+TRACE</b>	*.49	••00	<b>*.20</b>	.3.60
60	1	*.96	<b>* .</b> 36	*.15	*TRACE	*.13	* • 21	•.37	.74	*TRACE	•1.45	•.01	*.55	+1.45
61		<b>*.56</b>	• • 80	*.08	*TRACE	.00	1.26	2.31	• • 1	.41	• 04	.80	. 39	2 . 3:
62	ı	- 44	. 37	•26	.35	TRACE	.07	1.59	•09	1.24	.59	•26	.75	1.59
MEAN	Ţ	. 321	• 4 12	.221	.233	.193	.415	.923	.459	. 452	.614	.146	.544	1.230
5 • p •	į	• 352	• 352	.174	.318	.179	.511	.714	.446	-434	•625	.235	.127	.307
L OBS	•	398	344	394	36 7	368	340	370	417	419	441	406	407	4671

NOTE . . IBASED ON LESS THAN FULL MONTHS!

# MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

Z.

PER100 OF RECORD: 47-62

	,		•••			TOTAL M	ONTHLY PO	RECIPITA _N_T-H-S		INCHES				ALL
YEAR	i	MAL	FEB	MAR	AP R	MAY	JUN	JUL	AUG	SEP	0CT	NOV	UEC	MONTES
47	·;··	•••••	•••••	••••••	•••••	•••••	• • • • • • • •	• • • • • • • •	<b>*.83</b>	TRACE	.02	.36	1.77	• • • • • • • • • • •
48	1	1.19	1.76	.46	TRACE	.31	1.32	•22	2.79	.41	. 36	TRACE	1.86	10.68
49	1	1.98	. 57	-11	.16	.78	◆ • D5	1.68	.09	2.96	2.05	TRACE	.89	<b>411.27</b>
50	1	. 86	. 28	TRACE	TRACE	.25	.11	3.61	.01	1.20	1.04	.00	TRACE	6.56
51	İ	. 16	. 36	.28	. 6 C	.10	TRACE	.04	2.54	.04	.61	. 1.9	1.78	6 • 50
52	1	.43	1.21	1.34	1.37	.47	.65	1.42	1.48	.26	.00	.32	.38	9 . 30
53	1	.00	1.20	.08	.48	*.17		<b>*1.13</b>	•22	-14	. 70	•02	.23	
54	1	.08	TR ACE	.31	TRACE	.27	.15	1.21	1.28	1.18	1.38	•00	.05	5.91
55	1	.91	- 03	.62	TRACE	.04	.14	3.49	•69	.09	2.99	.05	TRICE	9.05
56	Ĺ	. 15	- 21	•.00					•.38	*.00	+.03	*TRACE	+.64	
57	Ĺ	41.43		<b>*.57</b>	•.02	+.61	*TRACE	+1.20	+.44	•.32	*.55	*.05	*TRACE	
58	Ĺ	•.10	. 42	+2.36	+.28	+TRACE	•1.21	*1.56	• • 2 3	+1.94	.86	*.30	••00	•9.28
59	1	+.14	. + . 65	•.12	*TRACE	13	*.38	*.15	*5.57	*TRACE	*.56	•.00	*.2A	<b>*7.58</b>
6.0	Ì	+1.25	54	.38	*TRACE	+.17	• . 36	+.84	+1.40	*TRACE	•1.45	*.01	+.85	<b>*7.25</b>
61	İ	+.58	*.50	*.14	*TRACE	.00	1.79	3.20	.97	1.47	. 04	2.31	1.34	*11.F4
62	1	1.19	. 43	• <b>6</b> 0	.39	TRACE	.07	5.63	•24	2.70	1.11	.51	1.18	14.05
FEAN	٠;٠٠	.612	.613	.422	.356	.247	.529	2.276	1.031	.950	•936	. 342	. £57	8.921
S . D .	i	. 671	. 597	.469	.473	. 256	.675	1.831	.998	1.767	.933	677	.760	2.837
TAL OBS	i	398	344	394	36 7	368	340	370	417	419	441	406	407	4671

NOTE . . IBASED ON LESS THAN FULL MONTHS!

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL FROM SUMMARY OF DAY DATA

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 47-62 AMOUNTS IN INCHES | | 0.1 | 0.5 | 1.5 | 2.5 | 3.5 | 4.5 | 6.5 | 10.5 | 15.5 | 1.5 | 5 | 1.5 | 2.5 | 3.5 | 4.5 | 6.5 | 10.5 | 15.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1 25.5 | 1 TO \* DAYS! TOTAL! PONTHLY AMOUNTS WITH | MEAS | AMTS | 50.4 MEAN GREATEST LEAST .21 4.4 4071 1.5 7.0 • 0 FE B 94.5 .3 1,11 .61 2.5 363 5.4 • 0 1.5 4011 . 1 3.5 99.5 373 1100.0 377 • 0 .6 •0 1100.C JUN 389 • 0 .0 JUL 1100.0 4101 .0 • 0 • 0 AUG 1100.0 441 / • 0 .0 .0 SE P 100.0 441 ] • 0 .0 .0 OC T 1100.0 4601 • 0 .0 • 0 KO ¥ 1 96.4 . 7 4191 .6 • 0 .2 | DE C 92.4 1.5 407 1.1

.0 1

1.0 1

48881

...

.2 | .41 .21

.11 .11 .0 1

# EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 47-62

	••••		•••••	•••••		24	HOUR AM	OUNTS IN	INCHES		•••••	•••••		••••••
	1						-M-0~	N- T-H-S-						ALL
YEAR	1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOW	LEC	HONTES
*****	••••	• • • • • •	•••••		• • • • • • • •	•••••	•••••	•••••	• • • • • • • •		• • • • • • •	• • • • • • • •		• • • • • • • • • •
47	İ								+. C	• ?	•0	• 0	1.2	
48	ļ	1.2	2.0	TRACE	• C	•0	•0	• 0	•0	• 0	•0	.0	TRACE	2.0
49	ţ	3.0	TRACE	.0	TRACE	.0	• 0	• 0	• 0	ů.	• 0	• 0	1.1	3.0
50	i	TRACE	TRACE	TRACE	• C	•0	• 0	•0	• 0	.0	• 0	•0	TRACE	TRACE
51	•	1.7	TR A CE	.0	• C	.0	.0	•0	.0	.0	• D	TRACE	7.2	7.2
52		TRACE	4.2	TRACE	• 6	• 0	•0	٥.	.0	.0	• D	. 7	TRACE	4 .2
53	Ī	.0	TRACE	. 0	• 0	*.0		*. C	•0	. 0	.0	TRACE	.6	
54	i	TRACE	•0	.0	. 0	.0	•0	.0	•0	.0	• 0	.0	TRACE	TRACE
55		TRACE	TRACE	. 4	.0	.0	•0	. 0	•0	. 0	ě.	TRACE	• 0	.4
56	ì	.0	2.0	*.0	• -	•-	٠.ŏ	*.D	*.0		+.0	*.0	*TRACE	
57	:	•.0	*.0	*.0	*• n	*.D	•.0	+.0	• 0	•.0	*•0	*.5	1.3	* .5
58	1	• 3 • 8	*.0	+2.9	+TRACE	*•0	*.0	••0	••0	.0		STRACE	*.3	• 3 • 8
59		TRACE	*TRACE	*TRACE	* . C	*•0	*.0	*.0	+.0	••9	*•0	+.0	•ã•S	*2 .C
	1 7	*.4	*3.6	*1.5	*.0	*.0	*•0	•.0	*•0	*.0	*•0	•.0	+6.0	+6.0
60	:		-			-								
61	!	*.8	*•0	*.0	*• 🗈	.0	•0	• 0	•0	•0	•0	6.2	TRACE	6.2
65	•	2.8	•0	TRACE	• C	•0	.0	.0	•0	•0	•0	TRACE	TRACE	2 .6
MEAN	:		. 82	.04	TRACE	•••••	.08	.00	•00	.03	******	.63	.92	2.45
	:					.00					• 00			
\$.0.	:	1.229	1.450	.133	.000	.000	.000	.000	.000	.000	• 000	1.860	2+135	2.463
AL 085		467	363	401	373	377	389	<b>41</b> D	441	441	460	419	407	4686

NOTE . (BASED ON LESS THAN FULL MONTHS)

# MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

Ž.

PERIOD OF RECORD: 47-62

					TOTAL	MONTHLY -M-0-	SNOWFAL N-T-H-S-		HES				ALL
YEAR !	JAN	FEB	MAR	AP R	MAY	JUN	JUL	AUG	SEP	001	NOV	( E C	MONTES
47	• • • • • • • • • •	••••	• • • • • • • •	• • • • • • • • •	•••••	*******	•••••	*.0	.0	•0	.0	1.2	••••••
48 }	2.1	2.6	TRACE	• C	• 0	•0	•0	•0	• 0	.ē	.0	TRACE	4 . 7
49	7.0	TRACE	.0	TRACE	•0	.0	• 0	•0	•0	•0	.0	2.1	9.1
50	TRACE	TRACE	TRACE	. 0	•0	•0	• 0	.0	• 0	•0	• 0	TRACE	TRACE
51 1	3.1	TR A CE	• 0	• C	• 0	• 0	. 0	•0	. 0	•0	TRACE	6.3	11.4
52 [	TRACE	4 . 2	TRACE	• C	•0	• 0	• 0	•0	.3	• 0	. 7	TRACE	4 .9
53 <b>i</b>	•0	TRACE	• G	• C	+.0		••0	•0	• 0	• 0	TRACE	• 6	•
54	TRACE	.0	• 0	.0	•0	•0	• 0	• D	• 0	٠ŏ	• 5	TRACE	TRACE
55 I	TRACE	TRACE	. 8	. C	•0	.0	• 0	•0	• 0	• 0	TRACE	.0	•6
56 I	•0	4.8	*• B			*•0	*•0	*.0	•.0	*•0	* • C	*TR4CE	
57 J	•.0	*.0	*• D	*• C	*•O	*.0	*• C	*•0	*.0	• • D	<b>*.</b> 5	• • 0	• .5
58	*4.8	•.0	*3.5	*TRACE	*•0	*.0	••0	••0	*•0	*•0	*TRACE	4.€	*6.3
59	*TRACE	* TR A CE	*TRACE	*. C	*.0	*.0	*.3	*.0	<b>*.</b> 0	••ŭ	*.0	*2·1	*2.1
60 I	* • 6	+5.4	*1.5	. C	*. C	••0	*. C	*.0	*.9	* • 0	*.D	*6.8	+16.3
61   62	*1.0	<b>*.</b> 0	*•0	*• C	• 0	• 0	• 0	. 0	Ĭ	.0	6.2	TRACE	*7.2
62	5.1	•0	TRACE	. C	•0	.0	• 0	•0	•0	•0	TRACE	TRACE	3 - 1
PEAN !	1.53	1.16	-09	TRACE	-00	.00	•00	.00	.00	.00	.63	1.11	4.25
5.D.	2 • 339	1.943	.267	• 00 0	.000	.000	•000	.000	.000	.000	1.860	2.481	4 . 2 19
IAL OBS I	407	363	401	373	377	389	410	441	941	460	419	407	48 68

NOTE + IBASED ON LESS THAN FULL HONTHS)

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTHER FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 47-62 STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM AMOUNTS | 25 | | 10 | | 36 | IN INCHES 37 | 49 TO | TO 48 | 60 R DAYS! TOTAL! WITH ! MEAS! OBS! AMTS! 13 | 10 | 24 | 61 10 PONTPLY AMOUNTS OAES 126 | 120 NONE TRACE! 1 H ON TH 434 3.9 JA N FE B 97.2 .31 1.01 2.3 391 99.1 425 395 1100.0 1100.0 395 JUN 1100.0 389 100.0 429 100.0 AUG 449 450 1100-0 OC T 1100.0 DE C 1.1 99.01 ·2 | •1| •2| .21 .01

# EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PEPIOD OF RECORD: 47-62

					-		N-1-H-S-	N INCHES	•				ALL
YEAR !	JAN	FEB	MAR	AP R	PAY	JUN	JUL	AUG	SEP	001	NOV	t E C	Z 4 T NOM
47	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	••••••	•••••	•••••	+0	0	C	C	3	••••••
48 ]	3	2	0	C	0	0	0	0	0	0	3	9	3
49	6	0	0	C	0	0	0	0	0	0	0	TRACE	6
50 1	C	0	0	C	0	0	0	0	0	0	3	0	Ü
51 /	2	3	Č	c	0	0	0	0	Ō	0	c	9	8
52 I	0	4	0	S	0	0	0	0	0	C	0	9	4
53 <b> </b>	C	a	٥	e	•0		0	e	0	0	0	0	
54	0	a	Đ	ā	D	0	0	D	0	Ō	0	TRACE	TRACE
55 I	O	0	TRACE	C	0	0	0	0	9	C	C	າ	TRACE
56 i	0	5	*0	• 0		•0	•0	•0	•0	•8	•0	•3	
57 [	<b>♦</b> Ø	+0	<b>₽</b> 6	+€	*0	*0	<b>•</b> D	<b>+</b> D	. B	*Đ	<b>* 3</b>	•0	• 3
58 I	+2	+0	+3	<b>◆</b> □	<b>*</b> 0	+0	<b>*</b> 3	*0	+0	<b>+</b> 0	*TRACE	<b>*</b> 0	+3
59	<b>+</b> 0	+0	*0	<b>+</b> 3	<b>+</b> 0	•0	+8	+0	•0	+0	•0	*TRACE	*TRACE
60 I	+0	<b>*</b> 5	<b>+</b> 1	<b>+</b> C	<b>#</b> 0	+0	• •9	<b>+</b> D	<b>+</b> D	<b>*</b> D	*0	•5	+5
61	•1	*3	+0	<b>+</b> C	0	G	3	0	0	0	6	ŋ	6
62	3	0	0	0	0	0	0	0	0	0	S	0	3
MEAN !	1.4	1.4	TRACE	. C	.0	_0	•0	.0	.0	•C	•5	.7	3.0
S.p. 1	2.066	1.955	•000	.000	.000	• 000	.000	.000	• 100	.000	1.809	2.412	2.976
L OBS 1	434	391	425	395	395	389	429	449	450	471	947	440	5115

NOTE + (BASED ON LESS THAN FULL MONTHS)

PPPPPPPPP AAAAAA RRRRRRRR TTTTTTTT CCCCCCC
PPPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTT CCCCCCCC
PP PP AA AA RR RR RR TT CC
PPPPPPPPPP AA AA AA RR RRRRRRR TT CC
PPPPPPPPPP AAAAAAAAAA RRRRRRRR TT CC
PPP AAAAAAAAAA RR RR RR TT CC
PP AA AA AA RR RR RR TT CC
PP AA AA AA RR RR RR TT CCCCCCCC
PPP AA AA AA RR RR RR TT CCCCCCCC
PP AA AA AA RR RR RR TT CCCCCCCC

c - 1 - 1

### SURFACE WIND SUMMARIES

### EXTREME VALUES OF PEAK WINDS

CATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN MNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECOPD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISH """ IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TARLES ALSO INCLUDE THE OBSERVATION COLNTS.

### BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA BERIVED FROM HOURLY DATA.

FRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY HONTH, MONTHLY AND ANNUALLY (ALL YEARS COMMINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/ THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".O" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAT. .35%.

# EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 47-62

*********		••••	• • • •	•••••	•••••	0	AILY PEA	K GUSTS			•••••	••••••	*****	ALL
YEAR	J	N į	FEB I	HAR	APR	HAY				SEPI	0011	NOVI	LECI	HONTES
47 48	}	1						!			!		1	
49	İ	İ	į	į	+ CALM	+ CALMI	i	į	į	i	į	į	į	
5 <sub>G</sub> 51 52	į	į	į	į			į	į		į	į	į	į	
53 54	i	i	į	į		į	į	į	į		į	i	į	
55 56	i . ,	i Miliani	i 64 l	w +56	W +66			NE 36		S 32		u 56	WSH 461	s 64
57 58	Ì ŭsu∗o	51 NW	+40	WN#+54	uSu+66	WSW+591	4NH+53	ESE+331	SSE +51	NNW+37	UNW#52	H +40	WSW+501	#S#+€6 SS#+74
59 60	W +	10 I		H +52	H +44	W +43	55E+461	ENE+341	\$ +301		SW #41	USH#45	W +521	₩ +7 <sub>0</sub> . ₩₩#€8
61 62	u •		<b>*52</b> i	WSW464	¥ +5 9	W 601	W 40		ESE 271	W 401	SW 601	WNW 561		WSW+64 SSE 62
MEAN	58		58.51			54.01							49.01	62.0
S.D. TOTAL OBS	}	161	1681	179	193	į	ļ	j			i		i	2368
					473		2011	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2451			1.03	2701	

NOTES \* (BASED ON LESS THAN FULL MONTHS) S (BASED ON LESS THAN FULL MONTHS  $_{AN_{\mbox{\scriptsize D}}}$  +100 knots)

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC

FROM HOURLY ORSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: MONTH: JAN HO RD: 53-62 HOURS(LST): 0000-0200 WIND SPEED IN KNOTS 17-21 22-27 26-33 GE 56 TOTAL DIRECTION MEAN (DEGREES) 1.7 NNE 3.8 . 8 • 5 • 3 NE . 1 . 1 .6 6.0 ENE 4.3 • 1 • 3 E ESE 1.0 • 3 • 1 SSE . 9 . 1 6. 2 - 8 s 1.0 SSW 3.5 . 6 . 3 . 1 • 3 2.6 8.5 . 9 .4 13.0 . 5 3.4 WSW . 6 . 4 . 1 8.1 4.4 4.1 1.3 1.5 . 1 25.8 8.4 6.1 MNM 6 • 1 1.4 1.7 1.0 11.6 7.4 NV 3.5 4.1 1.7 2.1 . 5 .3 NNW VARIABLE CALM 26.5 100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRE USAFETAG FROM AIR-DEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TATION NUMBER	: 747340	STATION	NAME:	WHITE	SANDS	MR I	WM			PERIOD Month:	OF RECOR		-62 TI: 0300-	05 00
DIRECTION I ODEGREESI I		4-6	7-10	11-16	17			IN KNOTS 28-33		41-47	48-55	GE 56	TCTAL B	MEAN
		• 6	·····i	• • • • • •	•••••		• • • • • • • •	•••••	• • • • • • •	••••••	• • • • • • • •	••••••	1.4	5,5
NNE !	. 9	• 3											1.2	2.9
NE I	.4	1.0	. 3										1.7	5.1
ENE I	. 1		.1										. 3	4.5
E	. 6	• 6	.1										1.4	3.0
ESE I	. 4	• 3											.6	2.6
SE I	. 5	. 8	. 3										1.6	4.2
SSE		•6	.9		. 3								2.1	7.6
5 1	• 3		.5		. 4	. 1							2.6	6.5
i		•6			•	••								3.1
22 M	. 5	• 3	. 1			_							.9	
SW !	. 6	• 3			. 5	. 1							1.5	8.2
usu i	. 6	• 5	. 4	•	. 5	• 1		•1					2.3	8.6
W	9.0	8 • •	3.3	2.	. 7	1.2	1.4	.4					26.4	7.2
WNW	5.€	4 • 2	2.2	3.	1	. 4	• 3						15.2	6.8
NV	2.1	2.3	1.8	1.	. 0	• 1	-1	• 3					7.7	7.7
NNU 1	1.0		• 3										2.1	4 • C
VARIABLE !	•	•••••	•••••	• • • • • •	••••	••••	•••••	•••••	•••••	• • • • • • • •	•••••	•••••	•••••	••••••
CALH	,,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,	/////	////	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	30.9	/////
TOTALS	23.8	21 • 6	10.4	8.	5	2,2	1.0	. 8					100.0	4.7

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: MONTH: JAN HO DRD: 53-62 Hours(LST1: 0600-0800 WIND SPEED IN KNOTS 17-21 22-27 28-33 TCTAL R MEAN DIRECTION 1-3 7-10 11-16 28-33 34-40 WIND IDEGREES) ! ....N 4.5 1.7 . 3 1.2 • 3 . 9 4.6 NNE • 5 . 1 • 3 1.0 NE . 5 . 5 3.0 ENE • 1 . 3 3 . C ε • 3 1.2 ESE . 1 • 6 1 • 4 3.3 SE 1.3 .6 4 . 1 SSE .5 • 1 1.0 S 4.1 • 5 1 • 3 • 1 1.0 5.6 554 . 5 1.7 4.0 • 1 . 9 .8 • 5 . 3 3.3 9.0 MSW . 8 . 1 1.3 2 • 1 . 1 21.7 7.6 7.3 7.1 2.6 . 9 4.0 3.3 1.4 1.3 • 3 10.3 5.8 2.3 1.3 . 3 . 1 . 1 7.3 VARIABLE CALM 100.0 TOTALS

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: MONTH: JAN HO HOURS (LST): 0900-1100 WIND SPEED IN KNOTS TETAL ME AN WIND GE 56 17-21 22-27 28-33 34-40 11-16 7-10 5. 1 IDE GREES! 1.4 • 1 N • 6 2.4 5.6 . 1 . 5 1.2 •6 NNE 4.3 • 5 1.7 NE 2.1 3.7 1.0 ENE 1 . 2 3.0 1.0 5.5 £ 4 . 6 3.8 2.4 ESE • 5 2.1 SE 5.7 SSE 6.5 10.5 . 1 . 3 SSM 7.0 • 3 • 3 14.6 . 3 . 3 .6 13,6 2.3 . 5 1.0 10.8 1.2 2.1 -7.8 1.7 . 4 NE . 3 NNW

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OPSERVATIONS

PERIOD OF RECORD: 53-62 MONTH: JAN HOURS(LST): 1200-1400 STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

	• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •			• • • • • • • •	400821F2		
RECTION DEGREES !	1-3	4-6	7-10	11-16	17+21	ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 8	MEAN WIND
N I	. 3	•6	•••••	. 4			•••••	•••••	•••••		•••••	1.3	6,2
NNE !	. 8	• 8	.4	. 6								2.6	7.0
NE	. 9	1.9	.5	. 1		•1						3.6	5.7
ENE	1.9	1.0	.1									2.9	3.2
ε !	5.4	4 - 1	1.2	. 4								11.0	4.1
ESE	2.2	1.7	-1	. 3								4.2	4.0
SE	2.4	2 • 6	2.1	. 3								7.3	5.2
SSE	1.5	1.5	1.0	. 6	. 3							5.0	6.1
s	1.4	. 9	•5	• 1								2.9	4.7
SSW	• 3	. 3	. 3	• 1	. 1	• 3						1.3	11.2
SW	• 1	. 3	.5	. 3		-1						1.3	9,5
<b>usu</b>	. 6	•6	.4	. 8	.0	• 3	• 1	•1				3.7	12.5
	. 5	1.7	2.4	2.9	1.4	1.4						10.4	12,6
WNW	• 3	1.2	2.6	2.2	. 3							6.4	9.8
Nu	.4	• 8	2.4	2.2								5.8	9.1
NN4	. 5	• 5	.5	. 3	.1	•1						2.1	7.6
AHIABLE I	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • •		•••••		• • • • • • • •		•••••		
ı	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											24.3	,,,,,
ı	• • • • • • • • • • • • • • • • • • • •										,,,,,,,,		
TOTALS !	19.4	20.4	15.0	11.5	2.9	2.3	• 1	• 1				100.0	5.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62
MONTH: JAN HOURS(LST): 1530-1700 WIND SPEED IN KNOTS DIRECTION 22-27 28-33 TETAL MEAN (DEGREES) MIND . 3 1.2 • 9 3.0 5.9 . 7 • 5 NNE 1.3 2.5 4.9 NE 1.0 2.2 . 7 . 3 4.2 4.5 ENE 1.4 2.1 3.5 3.5 E 2.5 . 3 ESE 2.0 3, 3 1 • 2 • 7 SE 1.7 . 9 2 . 2 . 1 5.6 6.1 SSE 1.0 1.7 . 3 . 1 6.7 4.4 1 . 3 1.0 . 1 1.0 1.6 3.8 5.2 SS# . 7 • 3 . 3 . 1 1.3 5.1 . 8 . 9 SW . 3 . 5 . 1 2.7 1.4 ٠, . 9 . 8 5.2 3. 9 3.0 2.3 2 • 1 1.8 .9 13.4 9.5 1.0 . 5 2.0 1.6 1.0 . 1 5.5 8.0 VARIABLE CALM

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ATION NUMBER	: 74734C	STATION	NAME :						PERIOD Month:	OF RECOR		-56,58-62   1: 1800-	
DIRECTION   ODEGREES)	1-3	4-6	7-10	11-16	<b>#1</b> (		IN KNOTS	34-40	41-47	48-55	GE 56	TCTAL 2	MEAN MEAN
N į	••••••	• •	. 3	. 3	• • • • • • •	•••••	•••••	• • • • • •	• • • • • • • •	••••••	•••••	1.4	6,5
NNE	.6	• 6	.1									1.3	4.0
NE	.6	• 6		• 1								1.3	4.6
ENE !		• 1										•1	4 • C
ε	. 6	• 7	. 3									1.5	4.5
ESE !	• 3	. 4	• 3	• 1								1.1	7.1
SE	. 7	1 • 1	.4	. 4								2.7	6,4
SSE	.4	1.5	.7	. 4								3.1	6.4
s	7	1.0	. 3									2.0	4,6
ssw		• 1	. 1						•			. 3	7,5
Su !	.6	• 7	.3	. 4		•1						2.1	7.3
WSW	1 - 1	••	.7	• 6	.4	-1						3.4	8.9
· į	7.1	13.7	3.9	3.8	1.8	.4	. 1					31.0	7.0
NNA	3,9	8.0	2.5	1.7	.6							16.7	6.1
Nu	2.4	2 • 5	1.7		•1							7.1	5,6
NNW	. 8	• 6	. 7	. 3								2.4	6.1
VARIABLE	•••••	••••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••••	•••••	• • • • • •	•••••	••••••	•••••	• • • • • • • • •	•••••
CALM	,,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	//////	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	22.7	,,,,,,
101ALS	20.2	32 • 5	12.3	R. 5	2.9	.7	. 1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS:

714

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

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RD: 53-56,58-62 Hours(LST): 2100-2300 PEPIOD OF RECORD: MONTH: JAN WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 GE 56 TETAL MEAN 7-10 48-55 (DEGREES) I WIND 3.5 1.0 . 1 2.1 1.0 NNE . 4 • 1 . 1 6 . C • 1 NE . 3 . 4 . 1 . 4 1.3 7.4 ENE Ε . 1 . 6 3.5 ESE . 1 SE . 4 • 3 • 1 2.0 SSE . 3 . 1 . 7 9 . C S 5.2 • 6 SSW . 6 . 1 1.3 . 7 . l • 1 . 6 2.0 8.8 . 4 . 4 • 1 1.0 . 4 3.6 9.2 • 6 7,7 12.5 3.1 5.3 1.3 . 4 . 1 30.4 7.1 UNE 4,9 .1 9.1 2.7 1.5 • 3 5.7 NH . 7 • 3 2.7 3.4 2.0 . 1 9.1 6.3 NNW VARIABLE CALM 23.1 100.0

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

414 WEMINER 31		•											
STATION NUMBER	R: 747340	STATION	NAME:	WHITE SA	NDS MR M	iM			PERIOD Month:	OF RECOR	): 53 HOURS(LS	-62 T1: AL	-
***********	• • • • • • • • • • • • • • • • • • •	••••••	•••••	• • • • • • • • •		ID SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	•••••
DIRECTION (DEGR <sub>E</sub> S)	1-3	4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N
N		.7		. 2	.0	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	1.7	5,2
,	1	• •			•••								-
NNE	, 5	• 7	•2	• 1								1.5	5.2
NE	.8	1.1	• 3	• 1		•0						2.3	5.1
ENE	.6	• 6	• 1									1.3	3.5
E	2.0	1.5	.4	• 1			•0					4.1	4 • 1
ESE	1-2	• 8	•2	• 1								2.3	4 • C
SE	1.4	1.4	.7	• 2	•0							3 • 7	5 . 2
SSE	j .9	1.0	.8	. 4	•0							3 • 1	6.4
S	.9	• #	• *	. 1	•0							2 • 3	5 • 1
SSH		• 3	•1	• 0	•0	•0						1.0	6.2
· Sw	. 6	• 5	•2	• 3	•1	•1						1.9	7.6
WSW		• 6	•6	. 6	.5	•2	-1	• 0	1			3.4	10.7
¥	5.2	6 • 8	2.9	3; 1	1.3	1.7	• 2	• 1				29.6	8.2
ENE	3.2	4 • 2	2.3	1.8	•5	• 1	• a					12.0	6.5
NW	1.7	2 • 4	1.8	1.0	- 1	• 1	• 0					7.2	7.1
NNW	į .e	• 7	•5	• 1	•0	•3						2.1	5.4
VARIABLE	· · · · · · · · · · · · · · · · · · ·	•••••	****	• • • • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	•••••	• • • • • • •	• • • • • • • • • •	
CALM	1	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	1//////	,,,,,,,,	,,,,,,	,,,,,,,	///////	,,,,,,,	29.7	,,,,,,
TOTALS	21.5	23.9	11.7	8.4	2.7	1.7	. 3	.1				100.0	4.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

. 1

2.8

9.1

9.5

AIR WEATHER SERVICE/MAC

PEPIOD OF RECORD: 53-62
MONTH: FEB HOURS (LST): 0000-0200 WIND SPEED IN KNOTS 21 22-27 28-33 DIRECTION ME AN WIND IDEGREESI I N ... 4.8 NNE . 8 5.7 • 3 NE . 1 • 1 ENE . 1 7.0 . 7 2.8 ESE . 1 5.8 • 1 • 6 SE . 7 7.4 SSE 1.0 7.7

. 3

. 3

. 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 797340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 Month: Feb Hours(LST): 0300-0500 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 DIPECTION I MEAN IDEGREES! ! 1 HIND N N . 1 • 3 2.2 5 . 3 1 • 4 NNE . 1 . 6 2.8 NE • 3 1.4 4.9 • 7 ENE 4.7 . 4 Ε 1.3 5.1 . 4 . 4 . 4 ESE . 1 . 3 6. [ • 1 1.3 2.2 6.5 SE . 7 . 1 . 1 SSE • 8 . 4 . 3 2.5 9.2 • 8 S • 3 . 3 - 1 1.7 7.3 . 6 3.3 SSW . 3 . 1 . 4 . 6 . 4 . 3 . 1 1.4 6.5 1.4 . 8 1.8 • 7 10.8 • 6 4.1 6.2 7.6 2.2 10.1 6 • 2 3.4 2.1 6.7 • 6 • 3 . 7 . 7 6.4 5.7 2.4 2.5 . 1 NH . 3 NNW 6.6 30.0 ///// CALH TOTALS 100.0 . 3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OPSERVATIONS

STATION NUMBER: 747340 STATION NAME: PERIOD OF RECORD: 53-62
MONTH: FEB HOURS(LST): 0600-0800 WHITE SANDS MR NM WIND SPEED IN KNOTS 1 22-27 28-33 DIRECTION 7-10 (DEGREES) \* MIND .6 1.7 4.5 NNE . 4 • 6 • 1 1.1 4. : NE . 7 1.1 . 4 . 1 ENE . 6 . 1 . 8 3.2 E 1.0 2.0 ESE 1.0 1.5 SE 2.2 SSE 1.0 . 3 . 7 2.4 7.4 . 3 • 7 . 1 3.1 SSW . 4 . 1 . 1 . 7 . 6 . 1 . 4 • 3 WSW . 1 . 8 1.0 1.3 . 3 • 3 • 1 11.5 5.5 2.2 2.4 6 • 3 2.8 1.5 20.9 9.2 LNU . 3 11.2 7.1 1.5 . 7 . 1 7.0 6., VARIABLE 100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

WHITE SANDS HR NH

PERIOD OF RECORD: \$3-62
MONTH: FEB HOURS(LST): 0900-1100 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION TCTAL ME AN OEGREES) HIND 7.2 NNE . 8 • 7 . 1 1.7 4.0 6.7 5.5 NE 2.4 2 • 2 1.5 • 3 . 1 • 1 ENE . 3 3.5 4.1 1.4 1 . . 3.6 E 4.8 . 4 4 . 3 4.3 ESE 4.3 2 • 2 1.4 .6 . 1 . 1 8.3 5.1 SE 1.1 . 3 2.9 3 - 8 SSE 2.9 5.4 1 - 1 1.0 . 4 . 4 S . 1 2.2 5.5 1.3 • 3 . 1 7.6 SSwi . 4 1.0 SW • 3 . 4 . 1 . 6 9.0 1.1 1.1 . 1 3.5 13.4 • 6 2.4 3.8 1.7 1.5 1.1 11.9 15.5 . i . 8 7.3 13.6 • 3 . 3 . 1 1 . C 3.9 7.9 . 6 7.2 NNJ 28.0 ///// . 3

. . . .

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

100.0

PERIOD OF RECORD: 53-62
MONTH: FEB HOURS(LST): 1200-1400 WHITE SANDS MR NM WIND SPEED IN KNOTS 21 22-27 28-33 ME AN WIND DIFECTION (DEGREES) | 6,9 1.0 . 3 . 1 2.5 NNE . 7 1.5 4.0 • 8 NE 3.2 5.2 1 . 4 4.1 ENE 1.4 8.5 5.2 E 2.1 1.1 . 6 4 . . . 1 4.3 4.4 ESE . 4 2.0 5.8 SE 1.5 . 7 8.4 3.9 SSE . 1 5.2 6.5 1.3 . 4 5 . 3 -1 3.6 5.6 SSW . 3 . 1 . 1 8.8 11 - 3 15.1 12.6 19.6 12.5 UNU 1.8 . 1 8.0 5.2 . 3 2.5 2.4 10.9 2.5 .. NNW • 1 VARIABLE

GLOBAL CLIMATOLOGY BRANCH
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC
FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62
MONTH: FEB HOURS(LST): L500-1700 WIND SPEED IN KNOTS 17-21 22-<sub>2</sub>7 28-33 3 DIRECTION 7-10 22-27 TOTAL MEAN GE 56 (DEGREES) WIND 2.8 ., 9.3 - 6 . 4 . 4 NNE . 9 . 6 . 9 2.3 5.7 NE . 7 1.0 . 9 • 1 • 1 . 1 3.0 7.4 ENE • 1 • 6 1.1 5.6 £ - 1 1 - 1 3.3 ESE . 9 1.1 2.6 SE 1.0 2 . 3 . 9 . 1 5.1 5 S E 1.4 2.6 . 9 . 9 5.7 S 1.1 . 1 1 . 2 4.0 SSW . 9 1.9 .6 . 1 . 3 - 1 . 7 • 6 2.0 . 6 . 1 4.0 8.2 WSW . 9 2.7 . 3 1 . 7 1.9 6.0 10.3 1.6 4 . 7 5.6 5.7 4.1 1.3 22.9 RNE . 9 . 7 2.6 1.3 . 3 . 3 7.4 NU . 7 2.1 3.0 7.4 7.9 NNW . 1 • 7 7.2 VARIABLE CALM 15.1 111111 100.0 7.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

PERIOD OF RECORD: 53-56,58-62 MONTH: FEB HOURS (LST): 1800-2000 WHITE SANDS MR NM WIND SPEED IN KNOTS DIRECTION 17-21 22-27 ME AN 7-10 28-33 34-40 TOTAL IDEGREESI 4.4 1.4 • 2 . 6 NNE . 2 1.1 5.8 • ! NE . 5 . 3 • 3 . 2 1.2 4. 9 Ł . 2 . 8 • 6 6.2 • 5 7.1 • 2 4.1 7.9 SE SSE • 5 . 9 • 5 • 2 2.6 7.8 1.2 s . 9 .6 . 3 • 3 3.3 7.0 SSW • 2 • 2 . 3 . 3 •2 1.1 9.5 . 3 . 5 . 8 1.1 • 5 . 2 3.2 8.9 2.0 1.5 1.1 . 3 • 2 7.2 10.5 9.0 5.2 6.7 4.3 1.5 2.0 2.9 •2 • 2 3.0 7.6 5.4 NNW VARIABLE 100.0

GLOBAL CLIMATOLOGY BRANCH LSAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: MONTH: FEB HO DRD: 53-56,58-62 HOURS(LST): 2103-2300 WHITE SANDS HR NM WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION TOTAL GE 56 (DEGREES) WIND 4.C • 6 NNE • 3 • 5 . 9 6.2 • 2 ME . 3 • 5 6.7 • 2 ENE 1.1 3.9 £ • 3 •2 . 6 ESE • 3 • 2 1.5 5.5 3.5 6.0 SE 1.2 1.7 SSE 1.8 8.2 5 . 3 • 2 2.1 8. 1 • 6 • 3 . 3 1.1 10.7 • 2 1.7 12.4 SW . 2 •5 . 8 . 3 5.0 10.5 1.2 1.1 NSN .6 10.5 3.5 1.4 1.5 33.0 10 . 7 5.0 6.1 2.7 . 3 16.9 7.5 5 • 9 WNE 3.0 4.4 . 5 7.0 6.3 2.0 1.5 1.2 NW NNW 1.8 4.8 VARIABLE 20.4 CALM 100.0 7.0 TOTALS .5

### PERCENTAGE FPE QUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

WHITE SANDS HR NH PERIOD OF RECORD: MONTH: FEB HOURS (LST): ALL WIND SPEED IN KNOTS DIRECTION 7-10 11-16 17-21 22-27 28-33 48-55 GE 56 TOTAL MEAN (DEGREES) ! RIMD 6.3 .0 2.1 NNE . 5 • 2 . 0 1.3 4.8 • 6 NE .6 . 1 •1 2.5 ENE . 5 • 2 . 0 1.2 4.4 • 5 E 1 . 7 . 3 . 1 .0 3.4 4.4 1 . 3 . 2 E S E . 9 . 3 . 1 2.1 4.5 SE 1 . 1 1 . . 1.1 . 4 .0 .0 4.5 SSE . 6 . 8 . 5 . 1 3.2 s • 2 . 1 2.7 5 S to •3 • G .0 . 4 . 3 2.1 9.4 .6 • 0 . 1 1.1 1.4 . 7 .4 . 1 •0 5.3 11.4 • 8 3.6 6 • 5 4.0 5.0 2.9 1.8 . 6 • 2 24.6 10.€ 2.0 3 . 3 2.4 2.8 . 6 . 3 . 1 • C 11.5 8.7 2.1 1.6 1.1 • 1 •0 6.7 1.6 6.9 NNH • 3 . 3 VARIABLE CALM • 3 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62
MONTH: MAR HOURS(LST): 0000-0200

IPECTION !	1-3	4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL	HE A N
DEGREES! !	• •										••	1	WIND
N 1	. 3	. 9	.4	. 1	•••••	••••••	•••••	• • • • • • •	••••••	••••••	••••••	1.7	5,8
NNE		• 3	. 1									.4	6.0
NE	. 5	• 4	.4									1.3	5.0
ENE		. 1	-1									• 3	6.5
E		. 9										. 9	5.¢
ESC	• 3	.4	. •	• 3								1.3	7.4
SE	. 4	1.3	. 9	. 1								2.7	5.7
SSE	. 3	• 5	1.4	• 3								2.4	7.2
s į	. 6	• 6	.4	. 3								2.0	5.4
ssu i		• •	.4	- 1			•1					1.0	10.5
S W	. •	• 6	.8	. 9	• 1							2.6	9.1
WSW	• 3	. 9	1.1	1-4	1.4	. 9						5.9	13.5
· i	3.6	8 • 8	6.7	9.5	4.5	2.4	.5					36.0	10.5
unu i	2.2	6.9	2.3	2. 4	.5	. 3						14.5	7.2
Nu i	1 • C	2.4	1.7	. 8	.1							6.0	6,7
NNW	1 • 1	• 5										1.7	3.6
ARTABLE I	••••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • • •	••••••	••••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••
ALM I	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	19.3	,,,,,,
TOTALS	10.8	26 • C	17.0	16.2	6.6	3.4	. 6					100.0	7.4

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

MIN MENINEN 3	FMAT CENH bC												
STATION NUMBER	R: 747340	S TAT 1 ON	NAME:	WHITE SA	NDS MR	NM			PERIOD Month:	OF RECOR		-62 11: 0300-	05 00
•••••		••••••	******	• • • • • • • • • • • • • • • • • • • •	 Iu	MD SPEED	IN KNOTS	• • • • • •	••••••	••••••	••••••	• • • • • • • • •	•••••
DIRECTION (DEGR <sub>E</sub> § S)	1	4-6	7-10		17-21	22- <sub>2</sub> 7			41-47	46-55	GE 56	TOTAL	MIND WE AN
N	1 .5	1.3	•5	•••••	• • • • • • •	•••••	••••••	•••••	• • • • • • • •	••••••	•••••	2.3	5. 1
HNE	.,	. 1	•3									.6	5,6
NE	-1	• 5										•6	4.2
ENE	• 1	. 3										. 4	3,7
E	• 1	• 5	•1										4.7
ESE	İ	• •	. 1	• 3								.8	8 . 3
\$E	.•	1.4	. 9	• 5	•1							3.3	7.2
382	.3	• 5	1.0	- 1								1.9	7.1
S	j .9 I	• 6	.4	• 1								2.0	4.6
5 S W	! . <u>!</u>	• 5	. 3	• 1			• 1					1.3	6.8
Sw	1	• 6	.6	• 6	- 2							2.0	10.1
WSW.	, a	. 9	.9	1. 4	1.1	.4						5.5	11.5
W	6.5	7.4	5.6	8.3	4.1	2.5	. 3					34.6	10.1
LNu	2.9	5 - 1	2.2	1.5	• •	•1						12.5	7.0
MW	1.0	3 • 2	2.2	• •	•1							7.6	6 <b>.</b> C
NNu		• 9	••									1.7	4.8
VARIABLE		•••••	******	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	••••••	•••••	• • • • • • • •	•••••
CALM	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	22.1	,,,,,,
TOTALS	15.7	24 . 2	15.4	13.4	6.2	3.1	.•					100.0	6.6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC:

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62
HONTH: MAR HOURS(LST): 0600-0800

	1	•••••	• • • • • • • •	••••		ND SPEED			•••••	•••••		• • • • • • • • • • • • • • • • • • • •	•••••
DIRECTION (DEGR <sub>E</sub> ES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MIND Mean
N		• 4	. 3	. 1	• • • • • • •	••••••		•••••	•••••	••••••		1.5	4.8
NNE	.•	. 4	.4	• 1								1.3	6.1
NE	. 8	1 - 8	•5									3.1	4,6
ENE	. 3	. 3										• 5	3.3
ε	. 9	• 8	• 3									1.9	3,9
ESE	1.0	• 8	.4									2 • 2	4.4
SE	.6	1.9	1.0	. 3								3.8	5.5
SSE	• 3	• 5	1.0	. 9								2.7	8.6
s	.6	. •	. 3									1.3	3.9
SSW	• 1	• 5	• 1	• 1								. 9	5.5
SW	.4	• 6	•1	. 4	.1							1.7	7.5
WSw	.6	• 6	1.4	1.9	. 3	.5	. 3					5.6	11.9
W	2.7	3 • 6	5.0	5.2	3.8	1.5	. 3					22.0	11.4
WNW	1.9	2.9	2.2	1.9	• 5							9.4	7.8
Nu	2.4	1.7	1.9	. 5	•6	.1						7.3	7.1
NNM	.0	1.0	.6		- 1							2.5	5.6
VARIABLE	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	••••••	•••••	••••••	•••••	•••••	•••••	• • • • • • • •	•
CALM	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	////////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	32.4	111111
TOTALS	14.5	18 • 1	15.4	11.5	5.5	2 • 2	• 5					100.0	5.7

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

	********	• • • • • • • •	•••••	••••••	······	ND SPEED	IN KNOTS		• • • • • • • •	•• • • • • •	•••••	• • • • • • • • •	•••••
IRECTION I DEGR <sub>E</sub> S) I	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL 3	ME A N WIND
N !	, 6	•5	.3	. 3	• • • • • • •	•••••		• • • • • • •	• • • • • • • •	• • • • • • •		1.7	5,9
NNE	.4	• 6	.5	. 3	• 3							2.0	8.2
NE	1.5	2.2	1.1	. 5								5.3	5.5
ENE !	. 8	1.4	.6									2.8	5.0
ε	4.1	4 • 6	1.8	. 3								10.7	4.4
ESE	1.5	2.2	1.5	. 5								5.7	5.9
S.E	1 • 3	2.7	1.0	. 6								5.6	5.8
SSE	.6	1.0	.9	. 4			•					2.9	6.8
s į	. •	. •	. 3			• 1						1.1	7.2
SSW	• 3	. 3	.4	- 1								1.0	6.6
su	• 1	• 6	.4	. 8	.1							2.0	9.4
<b>650</b>	- 1	. •	1.5	2. 3	1.3	.5	.5					6.6	14.5
w į	.6	1.1	3.6	6.1	2.9	1.8	.4					16.5	13.e
unu i	. 5	. 8	3.6	2.7	.5							8.0	10.3
NW I	. 5	• 8	1.9	1.0								5.0	9.1
NNU į	.4	• 1	.8	. e	. 3							2.3	9.6
ARIABLE	••••••	•••••	•••••	••••	• • • • • • •	•••••	••••••	•••••	••••••	• • • • • • •		• • • • • • • • • •	•••••
ALM .	/////////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	20.6	,,,,,,
TOTALS	13.7	19.6	20.1	17.3	5.3	2.4	. 9					100.0	7.1

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED LSAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 53-62 Month: Mar Hours(LST): 1230-1400 STATION NUMBER: 74734C STATION NAME: WIND SPEED IN KNOTS DIRECTION | IDEGREES! | ME AN TCTAL 22-27 28-33 48-55 GE 56 11-16 34-40 N N 7. : 1.8 •6 • 3 . 4 NNE • 5 1.1 8.6 • 3 NE . 5 1.9 1.0 . 5 4.3 ENE . 3 • 6 Ε 5.2 1.7 1.7 . 1 1 . . ESE 1.1 . 5 1.7 2.3 6.1 SE 2.4 . 2 3.3 1.1 7.6 7.0 SSE 2.3 .1 . 4 7.0 1 . . 5 1.3 . 5 5.5 .6 3.6 SSW . 4 . 3 . 4 . 1 - 1 7. 1 SW 1.3 . 3 10.7 WSW . 9 1.7 3. 8 2.0 13.2 13.5 WNW 2.4 2.7 . 1 6.1 9.5 • 6 • 3 NW 2.0 4.7 9.7 NNW 100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 Month: MAR Hours (LST): 1500-1700 STATION NUMBER: 747340 STATION NAME: WIND SPEED IN KNOTS 17-21 22-<sub>2</sub>7 28-33 3 DIRECTION TOTAL MEAN MIND IDEGREESI I . ..... N N . 1 . 1 NNE • 5 . 1 . 1 NE . 8 . 6 2.3 6.5 ENE 4.5 ε 1.3 1 . 7 1.6 ESE . 9 6.5 1.4 SE . 8 1.7 2.0 . 7 7.0 SSE . 9 2.2 6.8 S 2.1 1.8 . 5 SSW • 5 • 1 . 3 8.5 • 3 S¥ 1.0 . 9 11.6 3.9 2.6 13.0 1.8 HNH 9.7 1.0 3.1 . 8 . 1 7.3 1.4 NW 9.1 1.2 . 9 . 1 . 1 NNH CALM 

3.0

100.0

8.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-56,58-62 MONTH: MAR HOURS(LST): 1800-2000

•••••		•••••	•••••	•••••	и11	ND SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	•••••
DIRECTION (DEGR <sub>E</sub> ES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL 3	ME AN W I N D
N		. • 3	.1	•••••	• • • • • • •	•••••	•••••	• • • • • • •	•••••	••••••	• • • • • • •	.6	4,5
NNE	.1	- 1		• 1								.4	6.7
NE	.,	• 3										. 4	4 • C
ENE												• 3	3 <b>.</b> C
ε	! ! •1	1.1	• 3	. 1								1.7	6.1
ESE	! !		.8	• 3								1.1	9.6
SE		1.7	2.1	. 4	.1							4 . B	7.2
SSE	.4	1.1	.7	• 1								2.4	6.1
s	1 1.4	• 7	•6	• 1	.1							3.0	5.0
SSW	.6	. 1	.4	. 4								1.6	7.8
SW	1.1	2 • 1	1.0	. 4	.3							4.9	6.1
WSW	1 . 3	2 • C	3.0	3.1	1.4	.8						11.6	10.9
u	3.7	8 • 3	6 • 8	10.9	5.4	2.3	. 4					37.7	11-1
ENG	1.7	1 • 7	1.6	2 • 3	. 3		• 1					7.6	8.5
NW	.,	1 • 6	. 8	1.0								4.1	7.3
NNW	.4	• 7	.4		.1							1.7	6.3
	! !*•••••		• • • • • • • •				•••••	• • • • • • •		• • • • • • • •	• • • • • • •		
yar 1aple	1												
CALH	<i>        </i>		,,,,,,,,					,,,,,,,	,,,,,,,	////////	,,,,,,,		/////
TOTALS	12.6	21.9	18.6	19.4	7.8	3.1	. 6					100.0	7.5
	• • • • • • • • •								• • • • • • •	• • • • • • • •			

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR BERIPER SERVICE/FIRE

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PEPLOD OF RECORD: \$3-56,58-62 Month: Mar Hours(LST): 2100-2300

•••••	i	•••••	•••••	• • • • • • • • • • • • • • • • • • • •		ND SPEED		s	•••••	••••••	••••••			••
DIRECTION ( IDEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MIND	
N	• 1	1.3	.1	. 1	• • • • • • •	•••••	• • • • • • • •	•••••	•••••	••••••	•••••	1.7	5,2	••
NNE	•1	• 1	•1									. 4	4.7	
NE			• 1									• 1	10 • C	
ENE	• 3	. 1										.4	4.C	
E	.4	1 • 3	• 1									1.8	4.5	
ESE		• 1	•6	. 4								1.1	10 • C	
, SE	• 1	• 6	1.0	. 7								2.4	8.9	
SSE	.1	. 4	1.1	. 3								2.0	8.1	
s	.7	• 3	.8	• 1								2.0	6.5	
SSW	• 1	.4		. 1		•1						.8	8.8	
SW	1•C	• 7	.4	• 6	•6							3.2	8.5	
WSW	1.C	• 6	1.7	2.8	1.0	.7	• 1					7.9	12.3	
u	5.5	9 • 5	6 • 8	10.9	5.6	2.3	. 1					40.7	10.7	
HNH	1.4	5 • 1	2.7	2.1	. 8	.1						12.3	8.3	
NW	1.1	2 • 1	1.8	. 8								5.9	6.4	
NNW	. 3	. 3	.7		•1							1.4	7.4	
VARIABLE	••••••	• • • • • • •	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • •		••
		,,,,,,,,	,,,,,,,,	minn	,,,,,,,	,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	15.7	,,,,,	
TOTALS	12.4	22.9	18.2	19.1	8.2		. 3					100.0	8.0	
			****									10010	•••	
														•

TOTAL NUMBER OF OBSERVATIONS:

70

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER	R: 747340	STAT10N	NAME:						PERIOD : MONTH:	OF RECOR	D: 53- HOURS(LS	-62  1: AL	L
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	D SPEED 22- <sub>2</sub> 7	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 3	ME AN W I N D
N	.3	. 7	. 3	. 1	• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	••••••	1.5	5.6
NNE	. 2	• 3	.3	• 1	•0							. 9	7.2
NE	.6	1.0	•5	• 2								2.2	5.7
ENE	. 3	• 5	•2	• 0								1.1	4.5
E	1.1	1.6	.7	• 1								3.5	4.9
ESE	.6	1.0	.7	• 3								2.6	6.5
SE	.6	1.9	1.4	. 6	•0							4.4	6,8
SSE	.5	. 9	1.3	. 4	•0							3.1	7.1
s	. a	• 9	•6	• 2	•0	.0						2.5	5.8
SSW	• 2	. 4	. 3	• 2	•0	•0	• 0					1.2	8.1
Sw	.•	.9	. 8	. 7	•2	•9	• C					3.2	6.7
VSN	.5	. 9	1.7	2 • 6	1.2	•5	. 1					7.6	12.3
w	3.1	5.4	6.0	8.7	4.5	2.2	.4					30.2	11.6
WNW	1.5	3 • C	2.5	2.1	.5	•1	• 0					9.7	8.3
NW	1.0	1.7	1.6	1.0	•1	-0						5.5	7.5
NNW	.5	+5	.5	. 3	•1							2 • C	7.5
VARIABLE	' '' '	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	••••••	• • • • • •	•••••	• • • • • • • •	•••••	•••••	•••••
CALM	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,,	///////	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	16.6	,,,,,,
TOTALS	12.3	21.5	19.5	17.7	6.8	2.9	.6					100.0	7.5
************	•	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		•••••	• • • • • • •	

PERCENTAGE FRECUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 Month: APR Hours(LST): 0000-0200 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM wIND SPEED IN KNOTS DIRECTION (DEGR<sub>E</sub>ES) 17-21 22-27 28-33 34-40 TCTAL ME AN WIND 5. 1 3.0 NNE . 5 . 1 . 7 3.4 NE . 1 • 3 4.7 ENE . 1 4.9 E • 3 ESE 6.C SE . 8 5.4 3.2 SSE • 1 2.2 7.4 s 7.9 2.2 . 1 • 3 . 8 8.0 . 7 . 3 . 9 - 1 9.6 2.2 . 9 . 9 2.0 14.9 6.3 10.1 2.1 9.5 37.3 11.2 UND 2.0 13.1 7.8 NW 7.5 NNW VARIABLE CALM TOTALS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 Month: APR Hours(LST): 0300-0500

IRECTION I DEGR <sub>e</sub> esi I	1-3	4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN WIND
N 1	1,6	1 - 2	.5	•••••	• • • • • • •	•••••	• • • • • • • • •		• • • • • • • •	• • • • • • • •	••••••	3.3	4, 3
NNE !	. 3	• 3	.1									. 7	4.8
NE !	. 9	. 3	.3									1.5	3,8
ENE	• 3	• 1										. 4	3.0
E	• 3	. 3	-1									.7	4.2
ESE	• 3	• 1		• 1								•5	6.0
SE	1 - 1	1.2	.8	. 5								3.6	6.4
SSE	• 3	. 9	• 9	. 1								2.2	6.4
s	. 4	.9	-8	. 1								2.2	6.6
SSW	• 3	. 3		. 1								.7	5.6
SW	.4	• 3	• 3	• 3	.4	-1						1.7	10.7
wsw	1 • 2	• 5	1.3	1.7	.7	•7	.4					6.5	12.4
u į	5.0	9 • 8	7.0	7.8	3.4	1.9	. 3					35.2	9.5
WNU	3.3	3 • 6	3 • 8	1.2	.8	.4						13.1	7. :
NU	1 • 2	2 • 5	.9	• 5	• 3							5.4	6,4
NNW	, 9	• 8	.4									2.1	4.3
VARIABLE !	• • • • • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	
CALM !	,,,,,,,,,,	,,,,,,,	,,,,,,,,	/////////	///////	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	20.2	,,,,,,
TOTALS !	17.6	23.0	17.3	12.6	5.6	3.0	. 7					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 756

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62
MONTH: APR HOURS(LST): 0600-0800 WIND SPEED IN KNOTS DIRECTION 1-3 7-10 17-21 22-27 26-33 34-40 TETAL MEAN (DEGREES) | MIND .....N .... . 3 . 7 1 . 1 2.0 NNE . 4 . 3 • 5 1.2 4.8 . 7 NE . 9 1.5 - 1 3.2 5.3 ENE . 8 . 4 .4 E 2.1 1 - 1 3.2 4.0 ESE 1.3 .5 3.6 4 . 2 SE 1.9 2.1 2 • 5 7.4 6.1 SSE . 3 . 7 2.1 7.4 • 7 1.5 5.1 SSH . 4 . 3 . . 1.2 8.1 SW • 5 . 9 . 8 . 1 3.2 8.4 . 4 • 3 1.5 . 7 WSW 1.2 4.8 14.1 3 • 4 4.9 5.8 10.7 WNW . 9 1.9 2.6 2.6 • 3 9.1 9.7 1 . 3 5.2 6.3 4.5 VARIABLE CALH . 5 100.0 5.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

100.0

PD: 53-62 Hours(LST): 0900-1100 PERIOD OF RECOPD: STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM MONTH: APR WIND SPEED IN KNOTS 17-21 22-27 28-77 DIRECTION ME AN WIND 7-10 11-16 34-40 41-47 48-55 GE 56 TETAL IDEGREESI 8.1 . 3 1.3 .5 NNE . 4 . 4 .4 2.1 . 9 6.0 NE 1.7 .8 • 3 • 1 4.0 6.0 . 1 ENE . 9 . 8 3.3 5.7 E 3.0 5.2 1.5 9.7 4.7 . 3 5.4 1 . 2 SE . 7 6.6 7. 3 2 . 6 SSE . 7 . 5 3.6 8,6 . 9 s • 1 1.2 2.5 . 8 6.C SSW • 3 . 4 . 7 2.1 9.6 SH .4 1.2 . 1 .1 2.9 9.8 WSW . 4 1.2 2.6 1.1 .8 . 3 6.5 14.5 3 . 2 . 3 20.2 12-4 KNE 3.0 3.2 7.1 11-2 9.2 NW . 9 .4 4.4 NNK 10.C VARIABLE CALM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

									MONTH:			7): 1200-	
	• • • • • • • • •	•••••	•••••		<b>LIN</b>	D SPEED	IN KNOTS					• • • • • • • •	
DIPECTION ( (DEGREES)	1-3	4-6	7-10	11-16	17-21	-			41-47		GE 56	TOTAL	MENN
N į	. 8	. 9	•5		• • • • • • • •	••••••		•••••		•••••	•••••	2.2	4.6
NNE	. 3	. 4	. 3	. 3								1.2	6,9
NE	. 7	• 7	•5									1.9	5 <b>.</b> c
ENE	.4	1.1	. 3	• 1								1.9	5.1
i.	1 • 2	2 • 6	1.3									5.2	5,4
ESE	• 1	1.7	1.3	1.1								4.2	7.€
SE	.5	2 • 8	1.9	2.5	•1							7.8	8.5
SSE	.•	1.1	1.6	1.7	. 3							5.0	9,3
s	. 1	1 - 7	2.0	. 9	• 1	-1						5 + 6	0.2
5.5W	• t	• 5	1.6	1.1	+1							3.7	9.8
Sh	- 1	. 9	1.2	1.2	. 3	.4						4.1	10.5
WSW	. 4	1 - 1	2.4	3.6	1.6	.5	-1					9.7	12.5
· ·	. 8	3 • 6	6.1	6.6	3.6	5.0	. 8					23.4	12.8
VNU	• 1	1-1	4.1	3+,6	.9	.1						9.9	11.2
NV		1 - 3	2.1	1.5	. 7							5.6	10.4
NNW	. 3	• 7	.7	. 7								2 • 2	8.2
VARIABLE I	•••••	•••••	•••••	• • • • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • •	•••••	•••••	••••••	• • • • • • • • •	• • • • • • •
1	,,,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	6.5	,,,,,,
TOTALS I	6.9	22 • 4	27.8	24.7	7.7	3.2	. 9					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 7

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# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

• • • • • • • • • • • • • • • • • • •	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	μ1:	ND SPEED	IN KNOTS	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
IPECTION DEGREES 1	1-3	4-6	7-10	11-16		22-27	28-33		41-47	46-55	GE 56	TOTAL	ME AN Wind
N !	• 1	•6	.3	•••••	• • • • • • •	••••••	• • • • • • • • •	• • • • • •	• • • • • • • •	•••••	••••••	1.0	5.c
NNE		.4	.3									.7	5.e
NE I	• 3	. 3	.4									1.0	6.C
ENE !	• 1	• 3	-1									•6	6 <b>.</b> C
E I	• 1	• 7	1.0	. 6								2.4	8.5
ESE	- 1	1.2	.7	1 • C				,				3.1	9 • C
SE	. 6	1 • 5	2.1	2. 1								6.2	8.5
SSE	• 1	1.0	1.7	1.8	. 4	•1						5.1	10.7
s	. 4	1.4	2.9	1.2								6.0	8.5
SS#		1.0	1.0	. 4								2.4	7.5
SW	• 3	1.7	2.9	1.0	.4							6.2	8.6
wsw	. 6	1.9	3.1	2.6	. 4	- 1						8.7	9.5
	1 - 8	6 • 1	11.1	6.5	5.3	2.1	. 8					35.7	11.5
unu	• 1	1.4	2.9	2.6	.7	1.4	.1					9.7	12.1
NH	• 3	1.4	1.2	1.0	• 3							4.2	8.9
NNH .	.4	• 6	.7	. 7								2.4	8.1
VARIABLE	••••••	•••••	•••••		•••••	•••••	•••••	• • • • • •	•••••	•••••	••••••	• • • • • • • • •	•••••
CALM !	/////////	,,,,,,,	,,,,,,,	////////	//////	///////	/////////	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	4.7	111111
101ALS	5.4	21.9	32.4	23.5	7.5	3.7	1.0					100.0	9.8

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM WIND SPEED IN KNOTS DIRECTION 22-27 GE 56 TCTAL MEAN IDEGREESI . . 3 4.0 • 3 NNE . 2 1.4 4.6 . 2 NE . 8 ENE • Z 13.C ٤ . 2 7,5 ESE 6,5 SE 2.9 1.8 . 2 5.9 9.7 • 3 • 6 SSE 1.0 2.2 . 2 . 6 2.1 6.1 7.6 s 2.2 1. 4 . 3 1 . 3 .? SSW . 5 1 . 3 •2 . 5 1.3 . 5 1.3 1.3 . 3 1.0 1.3 1.9 . 8 12.1 4.6 7.7 13.1 5.3 11.6 9,5 • 5 . 3 • 2 1.4 6.1 5.7 VARTABLE CALM 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: APR HOL RD: 53-55,58-62 HOURS(LST): 2100-2300 STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

!							IN KNOTS						
IPECTION   DEGR <sub>ee</sub> si	1-3	4-6	7-16	11-16	17-21	22-27	28-33	34-40		46-55	G€ 56	TOTAL B	MEAN WIND
N I	. 1	•6								••••••	•••••	1.0	4 • C
NNE !	• 2	• 2	. 3									•6	5.5
NE I	• 2	• 3										•5	4.7
ENE	• 2											• 2	2.0
E	• 2	• 3	• 3									• 8	5.0
FSE		•8	1.0	• 3								2.1	7.4
SE	• 3	1 - 8	2.6	. 6	•2							5.4	8.0
SSE	.6	1.3	1.0	. 8		•2						3.8	7,9
s i		• 8	1.0	1.1	•5							3.3	10.6
SSW	. 5			• 2	•2				•			. 8	7.0
Sw		• 8	1.1	• 3	• 3	• 3						2.9	11+1
usu į	1.0	1.0	1.6	1.9	.8	1.4						8.5	11.9
• i	3.3	9.3	7.5	12.0	6.2	2.7	• 2					41.1	11-3
unu	2.7	5 • 1	2.6	2 • 1	1 • 3	.3						14.0	8.0
Nu i	1.3	2.4	1.0	• 3	•2							5 • 1	6.0
NNU į	. 5	• •		• 2								1.4	4.7
ARIABLE	•••••		•••••	*******	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
ALM į,	,,,,,,,,,	,,,,,,,	11111111	////////	///////	///////	,,,,,,,,	1111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,	8.5	,,,,,,
OTALS !	11 • 2	26 • 2	19.8	19.8	9.6	4.9	• 2					100.0	8.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

1					NIN	D SPEED	IN KNOTS						
RECTION   DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL *	ME AN WIND
N [	. 5	. 9	.3	. 1	• • • • • • •	••••••	• • • • • • • •	•••••	• • • • • • •	•••••	••••••	1.0	5.0
NNE	.4	. 4	• 2	. 1								1.1	5.4
NE	. 6	• 7	.4	• 1	•0							1.7	5.4
ENE	. 4	• 5	. 3	• 0	•0							1.2	5 . 2
ε	. 8	1 • 6	.6	• 1								3.0	5.2
ESE	. 5	1 • 2	.7	. 4								2.9	6.4
SE	. 8	1 • 8	1.9	1.2	-1	•0						5.8	7.6
SSE	.•	1.1	1.2	. 9	• 2	.ó						3.7	8.5
s	. 5	1 • 1	1.3	. 7	- 1	•0						3.7	8.0
ssu i	• 3	• 5	•5	. 4	-1							1.8	8.2
SW I	. 3	• <b>9</b>	1.1	. 8	• 3	•1						3.5	9.6
usu į	.5	1.0	1.6	2 • 2	1.0	•6	• 2	•0				7.1	12.6
u į	2.5	6 • 2	7.5	8.4	4 • 2	1.7	. 4	.1	• 0			31.0	11.3
unu j	1 • 3	2 • 7	3.0	2.5	. 8	.4	• 5					10.7	9. 3
NW [	. 9	1 • g	1.2	. 7	• 3	•0						5.0	7.7
NNW I	• 6	• 7	.4	. 3	•0							1.9	6.3
ARTABLE	•	•••••	•••••	•••••	• • • • • • •	•••••	• • • • • • • • •	•••••	• • • • • • •	•••••	•••••	••••••	
ALM !	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	14.1	,,,,,,
OTALS	11 - 2	22 • 9	22.2	18.8	7.0	3.0	. 6	•1	.0			100.0	8.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: HOURS (LST): 0000-0200 ⊌IND SPEED IN KNOTS 17-21 22-27 28-33 MEAN WIND OIRECTION (DEGREES) TUTAL N 5.2 • 1 • 8 1.6 NNE 3.7 • 3 . 1 4 . 2 NE • 7 • 1 ENE • 1 . 3 4.5 E • 7 . 1 5.3 ESE • 3 3.2 SE 1.1 7.5 SSE 1.5 • 3 3.2 10.5 • 5 • 1 S 3.3 e.7 1 . 3 . 7 55# 10.6 . 1 • 1 2.8 SW .5 • 5 . 7 • 3 .8 12.0 . 9 • 3 WSH .8 . 3 4.4 13.6 . 4 1.1 • 7 7.2 9.7 4.3 2.0 . 5 35.2 4.5 11.0 7. 2 LNU 3.5 14.1 9.7 6.8 NW 3.3 . 3 1 . 3 VARIABLE CALM 100.0 8.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

. 3

PEPIOD OF RECORD: 53-62 MONTH: MAY HOURS(LST): 0300-0500

									HUNIH	H		11: 0300-	
IRECTION   DEGREES)	1-3	46	7-10	11-16	17-21	SPEED 22- <sub>2</sub> 7	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MEAR bind
N !	1,3	1.7	1.2	. 1	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••		4.3	4.5
NNE !	• 1	•1	•1									. 4	5.3
NE I	• 1	• 6	.4									1.2	5.4
ENE !	. 4											. 4	2 • 3
	.5		.1									.6	3.8
ESE	• 1	. 9	. 3									1.3	5.5
SE	- 1	1.4	1.8	. 1								3.5	6.8
SSE	. 5	• 8	•6	. 4		•1						2.4	7.9
s	. 8	1.0	.4									2.7	4,4
ssu	• 1	• 1	• 1	• 1								.5	7.0
SW	. 3	• 8	. 3	. 1	• 3	. 3						1.9	10.1
WSW	. 5	1.3	.4	. 8	.5	•1	• 3	.1				4.3	11.6
u į	4.1	9.0	5.2	6.6	2.6	1.2	.6					29.3	9,6
unu	3,4	6 • 9	3.5	1 • 3	.4	.1						15.5	6.4
Nu i	2.6	4.9	3.2	. 8								11.5	6.0
NNW 1	1.0	2 • 3	1.2	. 1								4.6	5.4
·			•••••			• • • • • • •	• • • • • • • •		• • • • • • • •	•••••			
VARIABLE   -		,,,,,,,,	,,,,,,,,	,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,	16.5	,,,,,,
TOTALS	16.5	31 · g	18.7	10.4	3.7	1.8	.,,,,	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 5:-62
MONTH: MAY HOURS(LST): D630-08CO WIND SPEED IN KNOTS 16 17-21 22-27 28-33 DIRECTION 1-3 7-10 11-16 28-33 34-40 41-47 TCTAL ME AN (DEGREES) | MIND ...... 4.3 4.6 . 1 1,6 1.9 • 6 NNE 1.9 1 - 1 . 1 . 1 3.3 3.8 NE 1.6 2.5 • 5 4.7 4.4 ENE 1 - 1 1.1 • 3 2.5 3.8 E 2.9 2 . 2 .5 3.8 ESE 1.3 . 1 3.0 5. : 1 . 1 SE 1 - 1 2.3 1.9 5.7 6.1 1.0 7.7 . 6 3.3 S . 8 . 3 2.0 6,4 • 6 SSW . 1 . 3 8.4 1.5 SW .5 . 6 • 6 . I 3.4 9.8 WSW . 1 . 8 1.0 • 3 13.8 3.5 7.2 . 1 19.4 11.6 LNH 8.7 6 . C 6.7 6.7 NNW 5.5 VARIABLE CALM TOTALS 100.0 25 . 3 6.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/HAC

PERIOD OF RECORD: 53-62 MONTH: MAY HOURS(LST): 0900-1100 PERIOD OF RECORD: WIND SPEED IN KNOTS DIRECTION 22-27 28-33 TETAL MEAN 11-16 IDEGREES! | WIND 5.7 1 - 1 NNE 1.4 . 4 . 1 5 . C 1 . 3 NE 1.1 . 6 4.4 7.1 ENE 1.0 1.0 , 4 . 1 2.5 5 . C Ε 2.5 2.7 9.8 5.3 4 . 6 ESE 1.9 . 3 5.7 6.1 1 • G 2.5 SE 7.3 3.0 3.5 1.3 8.7 SSE 2 . 8 . 1 9.2 s 4.6 7.6 . 5 1.3 11.5 1.0 . 1 3.0 9.6 . 9 7.9 2.2 3.3 . 9 . 3 11.5 6.5 15.8 12.4 4.6 1.5 . 1 WNW 2.4 3.2 • 3 6.5 11-1 Nu 6.3 9.0 NNE VARIABLE CALM 10.0 ///// 100.0 TOTALS . i

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

IRECTION	1-3	4-6	7-10			O SPEED	IN KNOTS		41-47			TOTAL	MEAN
IDEGREES!			1-10			-	-		41-41		00 30	8	MIND
N I	. 4	. 9	.4	. 1				•••••				1.0	6.0
NNE	• 1	• 5	. 3		•1	•						1.0	7,5
NE	. 6	1.1	1.3	• 3								3.3	6.3
ENE	• 1	• 8	• 3	• 1								1.3	6. 3
ε	. 8	2.8	1.8	• 1						•		5.4	6.1
ESE	• 3	2.0	1.8	. •								4.4	6.8
SE	.4	1.3	3.9	1.3								6.8	8.7
SSE	• 1	1.5	3.0	2.7	• 3							7.6	9.9
5	• 3	2 • 5	2.4	2.5							-	7.7	9,8
SSW	• 1	1.1	1.1	1.4	.1	.1						4.1	9.9
Sw 1		1.5	1.5	1.6	.3	• •1						5.2	10.0
wsw	• 1	1 - 6	3.3	3.7	1.0	•6	-1					10.5	11.7
u i	. 5	3 • 2	6.6	7. 9	1.9	•5	. 4					20.9	11.5
ENU	• 3	. 9	2.2	2.5	.4							6.2	10.4
Nu I	. 6	1.4	2.2	2.0	.3							6.5	9.2
NNW I	• 3	. 9	1.1	. 4								2.7	7.2

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100.0

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ITION NUMBER:	747340	STATION	I NAME:	WHITE SA	INDS MR N	iM			PERIOD O			3-62 511: 1500-	-1700	
DIRECTION   NDEGREES)	1-3	4-6	7-10	11-16	uin 17-21	9D SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TETAL	MEAN WIND	•••
· · · · · · · · · · · · · · · · · · ·	. 1	• 3		-,	••••••	•••••	•••••	•••••		•••••	••••••		6,2	•••
NNE I		• 3	. 3	•1								.1	•	
NE		• 7	. 5	. 5	•1							2.1	9.9	
ENE		. 3	. 1	• 1								.5	7.3	
Ε	.4	1 - 6	1.2	. 5	.3							4.0	7.7	
ESE	. 3	• 7	.9	. 4								2.3	7.8	
SE (	. 9	2.1	2.1	. 9								6.1	7.2	
SSE	.7	1.2	2.3	2.1								6 • 2	6.9	
s	, e	3 . 3	3.7	1.6	.7							10.1	8.4	
SSW	• 3	1.2	1.7	. 8		•3						4.2	9.2	
Sw	• 3	2 • 4	1.7	1.5	• 3	•1						6.2	8.9	
WSW		2.1	2.8	2. 3	•5		.1					7.8	10 • 2	
w j	1 - 1	3 • g	8.8	8.8	2.3	1.7	• 3					26.7	11.6	
NNN 1	. 5	1.9	3.3	2.8	1.3	•1						9.9	16.4	
Nu i	• 3	1.9	1.5	2. 1	- 1	•1						6.0	9.5	
NNW	. 4	. • 5	• 5	• 1				•				1.6	6.7	
											• • • • • • • •		,	

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUMBER	: 747340	STATION	NAME:	_	_				HONTH:	OF RECOR		-55,58-62 1): 1800-	
OIRECTION   IDEGR <sub>E</sub> S)	1-3	4-6	7-10		WIA	D SPEED	IN KNOTS 28-33			48-55	GE 56	TCTAL	MIND WE AN
N !		• • • • • • • • • • • • • • • • • • • •	.6	. 2		•••••	•••••	•••••	• • • • • • • •	••••••	• • • • • • •	1.7	7, e
NNE	• 2		. 3									.5	6.3
NE.		• 6	.2	• 2		4						.9	6 <b>.</b> E
ENE !		• 3		• 2		·						• 5	7.3
ε !	. 3	• 3	•5	. 3								1.4	7.2
ESE	• 2	• 6	1.4	• 5								2.6	8.4
SE	. 6	1.7	2.3	1. 1								5.8	7.6
SSE	. 5	1.2	1.2	. 6	•2							3.7	7.9
s į	1 • 4	3 • 0	3.3	1.1								8.7	6.8
ssu	. 5	1 . 2	•5	• 6	• 5							3.3	8.7
SW	• 3	2 • 2	. 8	• 5	• 3	•						4.0	7.2
wsw	• 5	3 • 1	1.4	5.0	. 8							7.8	9.1
	3.3	5 • 6	7.5	9.3	3.3	1.4						30.3	10.7
עאע	<sub>9</sub> 1.9	3 - 1	2.8	3.0	1.2	•2						12.1	9.1
NN	. 8	2.0	2.2	. 9	•3							6.2	7.9
NNH	• 2	• 3			4							. 5	4,7
VARIABLE	**	•••••	*****	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • • • •	•••••	•••••	••••••	•••••
CALM	,,,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	111111	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	10.0	,,,,,,
TOTALS	13.7	25 · g	24.9	20.4	6.7	1.6						100.0	8.C

GLOBAL CLIMATOLOGY BRANCH
PERCENTAGE FREQUÊNCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
USAFETAC
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-55,58-62
MONTH: MAY HOURS(LST): 2100-2300

		• • • • • • •	•••••	******	NI.	D SPEED	IN KNOTS		•••••	•••••	•••••	•••••	•••••
DIRECTION   !DEGR <sub>ee</sub> s}	1-3	4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N W I N D
N	. 2	1.1	•••••	•••••	******	•••••	••••••	•••••	•••••	••••••	••••••	1.3	4,3
NNE	• 3	• 3	•2	. 3								1.1	7.6
NE	• 3	• 3	.3	• 2								1.1	6.1
ENE				• 2							•	•2	14 • C
ε	• 3	• 3	.5									1.1	6.1
ESE	• 3	• 2	1.6	• 2								2.3	7.9
SE	• 2	1.6	3.1	1.0								5.9	8. 3
SSE	• 3	2.0	1.8	1.0	•2	•2						5.4	8.5
s	. 5	• 8	2.0	1.5	.7							5.4	10∙€
ssw		• 5	•2	• 2		•2						1.0	10.3
sw		1.0	.7	1.3	.3							3.3	10.8
WSW	• 2	• 7	.8	. 8	.7	•2						3.3	11.5
w	2.6	7 • 2	7.3	10.1	5.2	1.6						34.0	11.1
NNU I	3.1	2 • #	3.7	2 • 8	.7							13.0	7.5
NU	1 - 1	4 • 7	2.4	1.0	. 3							9.6	6.7
NNW	. 7	• 5	•2	• 2								1.5	5.1
VARIABLE	••••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	••••••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••
CALM	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,		,,,,,,,	,,,,,,,	//////	,,,,,,,	10.7	,,,,,,
TOTALS	10 - 1	23.9	24.7	2 C . 5	8.0	2.1						100.0	8.3

TOTAL NUMBER OF ORSERVATIONS: 615

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER	74734C	STATION	NAME:	WHITE SA	NDS MR A	IM .			PERIOD Month:	OF RECOR	D: 53 HOURS (LS	-62 71: AL	ι
DIRECTION   IDEGR <sub>E</sub> S)		4-6	7-10	11-16	17-21	0 SPEED 22-27	IN KNOTS	34-40	41-47	48-55	GE 56	TCTAL 3	ME AN WIND
N	.6	1.1	•6	. 1	•0	•••••	••••••	•••••	•••••	•••••	••••••	2.5	5, ?
NNE	. 5	• 5	• 2	• 1	.0							1.4	5.3
NE !	. 5	1.1	.6	. 3	•0							2.4	6.3
ENE !	. 4	• 5	•2	. 1								1.1	5 • C
£	1+1	1.6	1.0	. 1	•0							3.6	5.5
ESE	. 5	1.1	1.0	• 2	•0							2.8	6.6
\$E	.6	1.9	2.5	. 8	•0							5.9	7.5
SSE	. 4	1.0	1.6	1.2	-1	•1						4.6	9 • C
s	.6	1.8	1.7	1.1	•2							5.5	B . C
SSN	• 2	• 6	.6	. 5	.1	.1						2.1	9.4
SW	• 3	1.2	• 9	. 9	.3	•2					•	3.7	9.6
usu	• 3	1.3	1.6	1.9	.7	•2	.1	.0	1			6.1	11-3
u	2. 3	4.9	6.2	8.2	2.8	1.3	. 3	•0	1			26.1	11+1
u N u	1.5	3 • 1	3.0	2.4	.6	-1						10.6	8.4
NW	1.0	2 • 8	2.5	1. 3	. •2	•0						7.8	7.5
NNW	.6	1.0	.6	. 2								2.4	5.5
VARIABLE	   • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	••••	• • • • • • •		••••••	•••••	• • • • • • • •	••••••	•••••	•••••	•••••
1			,,,,,,,	,,,,,,,,,,	,,,,,,,,		,,,,,,,,		,,,,,,,,	,,,,,,,,		11.2	111111
i	1												
TOTALS	11.3	25 • 7	25.0	19.3	5.1	2.0	.4	• 3				100.0	7.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

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!					#10	ND SPEED	IN KNOT	S				_	•••••
DIRECTION   IDEGR <sub>E</sub> SI	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	46-55	GE 56	TCTAL	MEAN
N	, 8	1.2	. 3	•••••	• • • • • • •	••••••	• • • • • •	•••••	• • • • • • • •	••••••	••••••	2.3	٠٠٠٠.
NNE	. 3	• 2	•2									•6	4.
NE	• 3	• 6	.3									1.2	5.
ENE	. 3	• 5										. 8	3.
E	. 9	1.8		• 3								3.0	5.
FSE		1.7	.6									2 • 3	5.
SE	. 5	1.4	3.2	. 3								5.3	7.
SSE	. 5	1.5	1.1	1.8	•5	•2						5.5	10.
s	.6	• 2	1.5	1.1	•2	•3						3.8	10.
SSW	• 3	. 2		. 9	•2							1.5	10.
Su	• 3	• 3	.5	• 2								1.2	6.
nsn i	• 3	• 3	. 8	. 3	• 5	• 3						2.4	12.
- w	5.3	8.4	5.5	5.5	2.7							27.4	e,
unu	1.8	5 • 2	2.4	1.4	•2							10.9	6.
NW	2.1	4.4	1.7	. 8			ι					9.0	5.
NNW	.6	2 • 6	. 3									3.5	٩.

### PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PEPIOD OF RECORD: STATION NUMBER: 747340 STATION NAME: PERIOD OF RECORD: 53-62 Month: Jun Hours(LST): 0300-0500 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION | IDEGREES! | TCTAL MEAN WIND 7-10 ....N 4.6 4.8 NNE . 4 • 6 • 1 1.4 NE .4 • 3 1.4 5.1 E NE . 1 3,€ E . 9 ESE •'3 .5 SE SSE • 5 8.0 1 . 2 S . 9 .8 5.3 SSW . 3 . 5 10.7 • 1 . 3 . 5 . 3 1.9 9.5 SW • 7 MSM . 5 . 4 - 1 . 1 9.8 • 7 2.3 5.3 10 . 8 4.6 2.8 1.2 . 1 24.9 6.7 4.3 6 . 1 . 1 VARIABLE CALM 23.7

TOTAL NUMBER OF OBSERVATIONS: 738

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: JUN HOURS(LST): 0600-0800

									: H : M U M	JUN	HOURSILS	11: 0000-		
DIRECTION (DEGREES)		4-6	7-1G	11-16	₩I! 17-21	D SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL B	ME A N U I N D	
N	2.3	2.7	1.0	. 3			•••••				••••••	6.4	4.5	
NNE	.,	1.3										2.2	3.9	ب
NE	1.4	1.4	.4	• 1								3.4	4.7	ř.
ENE	1.5	1.6	. 3									3.1	3,5	
E	2.2	2 • 3	• 9									5.5	4.5	· }
ESE	1.6	2 • 7	1.0	• 1						•		5.5	4.7	Ĭ
SE	2.0	2 • 5	2.3	. 7								7.4	6.1	ĵ,
SSE	.8	1.4	1.7	. 9								4.8	7.7	ĺ
S	.9	1 - 6	.3	. 1								2.9	4.8	1
SSW	.4			. 1		.1						.7	8.6	<i>\$</i>
SW	.1	-1	. 1	. 7								1.0	9.1	[ <u>.</u>
WSW	.4	• 1	.4	• 3								1.2	7.2	· .
<b>w</b>	2.7	3 • 4	3.0	1 • C	.7	•5						11.3	7.7	<u> </u>
UNW	1.6	1.3	1.6	1.2								5.6	6.6	
NH	1.2	2.2	1.2	1.0								5.6	6,9	\$
NNW	.,	• 8	. 3	. 4								2.1	6.0	p.
VARIABLE	· · · · · · · · · · · · · · · · · · ·			• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • • • •		•••••		• • • • • • • •		i ن معدد
												31.m	111111	*
TOTALS	1 20.4	25 • 5	14.5	6.9	.,,,,,,,	.7						:00.0	4.1	i i
101463	1 20.4	<b>49 • 5</b>	44.5	0.7	• • •	• *						.00.0	7.1	•
	••••••	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • •		

TOTAL NUMBER OF OBSERVATIONS:

768

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SIZED FROM HOURLY OBSERVATIONS

ATION NUMBER	: 747340	MOITATZ	NAME:	WHITE SA	NDS MR N	M			PERIOD (	OF RECORE		-62  }: 0900-	1100
······	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •		O SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	•••••
DIRECTION   (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	29-33	24-#D			GE 56	TCTAL	ME AN
, , , , , , , , , , , , , , , , , , ,	1.0	2 • 2	.3	. 4	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	3.9	5.2
NNE	1 • 3	• 8	•7	• 3								3.0	5.3
NE j	2.1	2.0	•9	• 1								5.1	4.6
ENE	. 5	2 • 6	. 7	- 1							•	3.9	5.1
	3.0	6 • 0	1.4	. 8								11.2	5.2
ESE	1.4	3 • 6	3.0	1.0								9.1	6.4
SE	2.7	5 • 3	3.9	1.3								13.3	6.1
388	. 5	1.8	.9	1.3								4.6	7.5
s	• 3	2.9	2.0	. 4								4.6	6.7
SSW		. 1	•5	• 3								. 9	9.5
SW	• 1	. 1	•5	. 6	•1							1.7	10.8
WSW	• 3	.4	1.0	1.0	• 3							3.0	10.0
u į	. 4	1.2	3.5	3.3	1.3	-1						9.8	11-1
unu j	• 3	. 4	1.8	2. 3	. 1							4.9	10.4
NH I	.4	1.0	1.7	• 5								3 • 6	7,6
NNH I	• 1	• 5	.7	• 3								1.6	7.8
VARIABLE	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	15.9	111111
TOTALS	14.5	30 • 1	23.4	14.2	1.8	•1						100.0	6.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

1					WIN	ID SPEED	IN KNOTS		•••••				
DEGREES)	1-3	4 -6	7-10	11-16		•	28-33				GE 56	TCTAL 3	MEAN
N [	. 8	1.7	•1	• • • • • • • • •		•	••••••	• • • • • • •	••••••	••••••	••••••	2.6	4.3
NNE	.1	1.6	.8		.*							3.0	5.5
NE	.7	1 - 3	1.0	. 4								3.4	6.7
ENE	• 1	• 5	•8	. 4								1.8	7.5
Ε	1.3	2 • 6	2.3	• 3	.1							6 • 6	6.2
ESE	. 9	29	2.6	. 5								6.9	6.6
SE I	1.3	3 • 1	4.9	1.6			•					10.9	7,2
SSE	. 1	2 • 5	4 • 2	1.4								8.7	7.5
s i	1 • 2	3 • g	4.9	. 7	• 3		•					10.8	7,3
SSW	• 1	. •9	1.7	• 1								2.9	7.1
Sw i	• •	. 9	1.2	• 5								3.0	7.8
WSW I	.1	1 • 2	2.0	1.6	•1							5 • 5	8.9
	. 5	2.0	5.3	5 • 2	.4							13.4	19.1
NNN I	.4	1 • 3	2.9	3. 3	-1							7.9	9.7
NW I	• 1	1 • C	2.0	• 5								3.6	7,8
NN# I	• 1	. 4	.4	• 3								1.2	7,1
VARIABLE !	•	•••••	•••••	• • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • •	••••••	• • • • • • • •	•••••
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	7.7	111111
TOTALS	9.9	27.6	37.1	16.7	1.0							100.0	7.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

53-62

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

MONTH: JUN HOURS (LST1: 1508-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION MEAN HIND (DEGREES) | N 3.3 6.0 NNE . 3 1.7 6.2 • 3 2.5 NE • 8 ENE • 3 € . 7 . 5 2 • 6 1.9 FSE . 5 1.6 1.7 1.6 . 1 SE . 7 3 • 6 3.4 2.1 . 1 8.1 SSE 2.5 2.8 1 . 7 7.4 9.0 s 3 • 7 5.0 3.2 . 1 13.0 8.7 1.3 . 3 . 1 7.7 554 1.2 3.2 SW • 5 1.2 . 4 2.5 7.9 WSW . 7 9.5 . 9 NW 1.6 . 1 8.7 . 1 NNE 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-55,58-62 Month: Jun Hours(LST): 1800-2000

									nowin.	00N	40082152		
DIRECTION (DEGREES)		4-6	7-16	11-16	WIN 17-21	0 SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	MEAN WIND
N	.5		. 3	. 5						•••••••	•••••	1.3	7.8
NNE			.6	. 3	• 2							1.5	9.8
NE	: .3	• 6	.5	• 2	-							1.6	7.c
ENE	.2	• 2	•2	• 2					•			• 6	7.3
E		1.0	•6	. 8								2.7	7.8
ESE "	.5	• 3	1.6	. 6								3.1	8.2
SE	.3	2 • 6	5.0	1.9								9,9	8.3
SSE	.5	1.1	3 - 1	1.6	• 2	• 2						6.8	9.5
s	1.1	4 • 2	3.2	2.6	•5	•2						11.8	6.4
SSW	1+1	- 8	.8	1.0		•2						3.9	7,7
SW	.5	1 • 5	1.5	. 3								3.7	6.7
VSW	1.0	2 • 9	1.6	. 6	•6							6.8	7,5
¥	2.6	6 • D	e • •	2.9	1.1							21.0	8.C
UNE	1.6	1.9	2.6	1.3	•2	•2						7.8	7.5
NW	. 3	2 . 3	1.3	. 8								4.7	7.5
NNY	• 3	• 3	• 2			• 2						1.9	7.0
VARIABLE			•••••	••••	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	
		,,,,,,,,	,,,,,,,,,	,,,,,,,,,	,,,,,,,,		,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	12.0	111111
TOTALS	11.5	25 • 7	31.5	15.8	2.7	, A						100.0	7.1
TOTALS	i 11.3	45 • 7	31.03						•			.50.0	**1
	• • • • • • • • •	• • • • • • • •		• • • • • • • •		•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: MONTH: JUN HO RD: 53-55,58-62 HOURS (LST): 2100-2300 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION 7-1C 1-3 11-16 TCTAL MEAN 48-55 GE 56 (DEGREES) RIND 5.8 1.4 • 5 NNE • 2 8.0 • Z • 2 . 7 • 2 . 4 NE • Z • 7 1.3 5.7 • 2 ENE . 4 3.5 • 2 E . 4 . 4 .7 • 2 1.6 7.1 ESE . 4 1 - 1 1.6 3.0 SE 3.6 1.1 7.7 SSE • 2 2 • 3 3.2 1.1 6.8 8.2 s 3.9 • 5 • 2 10.€ • 2 1.8 7.7 • 7 • 2 . 9 . 4 ٠, 1.1 3.2 9.7 **WSW** . 5 . 9 1.4 . 9 • Z 3.9 9.7 5.5 4.7 2.0 3.9 7.5 • 2 23.8 8. 1 LNU 3.0 1.4 1.6 . 7 • 2 4 . 7 11.8 7.1 2.7 2 . 5 2.1 . 4 • 2 7.9 NE 6.0 NNW . 9 VARIABLE CALM TOTALS 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: MONTH: JUN HO HOURS (LST): ALL WIND SPEED IN KNOTS D 11-16 17-21 22-27 28-33 DIRECTION 7-10 TOTAL 1-3 34-40 48-55 GE 56 MEAN IDEGREESI MIND N 5.1 . 4 . 1 .0 5.7 1.8 • 7 NE . 8 • 6 . 2 5.6 2.6 ENE • 3 . 1 1.6 5. 3 Ε 1.0 . 4 .0 2 . 3 5.0 5.7 • 5 ESE 1.6 •0 . 8 1 • 8 4.8 6.6 SE 2.9 3.4 1.2 .0 8.6 7.1 SSE 2.3 . 1 •0 8.5 6 • 1 S 7.1 8.1 SS¥ . 3 . 7 .0 1.9 • 1 8.2 .7 .1 8.4 . 1 • 6 . 6 2.2 KSH . 5 1.0 1.2 . 6 • 3 . 1 3.8 9.0 3.7 5 . 3 5.4 1.2 8.5 2.6 ٠1 • 0 18.3 WNU 1.6 2 · g 2.3 1.7 . 2 • 3 8.6 7.5 2 • 3 1.6 •0 •0 5.9 6.4 NNL VARIABLE CALM 16.5 TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: MONTH: JUL HOL PD: 53-62 Hours(LST): 0000-0200

•••••	• • • • • • • • •	• • • • • • • •	•••••	••••		un coeen	IN KNOTS	• • • • • •	•••••		••••••	•••••	•••••	•••••
DIRECTION (DEGR <sub>E</sub> ES)	1-3	4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL B	ME AN	;
N	2,5	2.1	.1	. 1	••••••	•••••	•••••	• • • • • •	• • • • • • • •	••••••	••••••	4.8	4 • C	, • • • • ; ;
NNE	.,	• 7	.4	. 1	.1						•	1.6	6.6	:
NE	.7	• 5	.8	•1								2.2	5.9	:
ENE	.7	• 8	.4									1.9	4.6	;
£	1.4	1.0	• 7									3.8	4.5	;
ESE	. 4	2 • 1	1.1									3.6	5.6	•.
SE	1.4	4 - 4	4.2	. 4	.1							10.5	6.6	
SSE	.a	1-6	2.9	1.4								6.7	7.4	
s	1.4	1.6	1.4	1.0								5.3	6,6	
SSW	.5	• 3	.1									1.0	4.1	:
SW	1-1	• 7	. 1	• 3	.1							2.3	5.5	:
WSW	.8	• •	. 7	• 1								2.5	5.7	;
u	4.5	4 • 5	3.3	1.5	.3							14.1	5.9	
WNW	1.4	2 • 2	1.2	- 1								4.9	5.1	
NW	2,5	2 • 5	• 5		.1							5.6	4.5	
NNU	.5	• 5	• 5									1.6	4.6	
VARIABLE	, 	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	•••••		
CALM	   ,,,,,,,,,,	,,,,,,,		,,,,,,,								27.5	,,,,,,	
TOTALS	   2g.8	27 • 1	18.6	5.7								100.0		:
10123	. 29.°	27•1	45.0	706	• •							100.0	*•2	
	,,,,,,,,,,,													/

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ORD: 53-62 HOURS(LST): 0300-0500 PERIOD OF RECORD: WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION | IDEGREES) | 1-3 ME AN 7-10 TCTAL 3.7 3.5 1 . 4 RNE 3.4 . 6 1.4 NE 1.3 4 . 2 ENE • i . 1 E . 9 . 1 ESE . 9 SE SSE . 1 . 6 5,5 • 8 S 1.2 1 • 2 4.8 . 5 2.5 4.1 **45 9** • 5 . 1 3.5 WNE 4.3 3 • O 3.9 VARIABLE CALM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 MONTH: JUL HOURS (LST): 0600-0800 STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-DIRECTION TOTAL MEAN GE 56 1-3 11-16 IDEGREESI MIND 4.2 4.0 1.7 2 • 3 NNE 1.5 . 9 . 3 2.7 3.4 3.6 NE 1.9 2 . 3 2.5 ENE • 6 1 - 1 Ε 2.8 2.2 3.4 4.3 ESE 1.1 . 9 5. 1 SE 1.9 2.7 1.3 . 3 SSE 1.4 S 5.2 • 3 2.2 . 5 1.5 1.4 • 3 2.9 1.0 • 5 1.7 . 9 . 5 4.3 NW NNM 1.0 CALM 2 • 1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HE NM

PERIOD OF RECORD: 53-62 Month: Jul Hours(Lst): 0900-1100

DIRECTION   1-3    4-6    7-10    11-16    17-21    22-27    28-33    34-40    41-47    48-55    6E 56    TCIAL   HEAN   MINO										HUMIH:	JUL	HOOKS ITS	11: 0700-	1100	
NNE			4-6	7-10	11-16					41-47	48-55	GE 56			
NE	N	1,7	2.0	.6	• • • • • • • •	•••••	•••••		• • • • • • •	••••••	••••••		4.3	4,3	, <b></b>
ENE 1.5 1.9 .5 .3 4.2 4.7 E 7.C 5.5 2.3 .4 15.1 4.3 ESE 2.9 4.5 2.0 .3 9.7 5.0 SE 2.2 6.4 5.3 .4 14.2 6.3 SSE 1.4 3.4 2.7 1.4 .1 9.0 7.1 S 2.0 2.9 1.3 .4 6.6 5.1 SSW .1 .3 .4 6.6 5.1 SSW .1 .3 .4 11.0 SW .1 .3 .4 11.0 6.5 SW .1 .1 .3 .4 11.0 6.5 SW .1 .1 .3 .4 11.0 6.5 SW .1 .1 .7 .1 .1 .1 .6 7.2 WWW .1 .7 .4 .4 .4 .1 .1 1.0 6.9 WWW .1 .4 .4 .4 .1 .1 1.0 6.9 WWW .1 .4 .1 .1 .1 1.0 6.9 WWW .1 .4 .1 .1 .1 6 4.0 WWW .1 .4 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 .1 6 4.0 WWW .1 .1 .1 6 4.0 WWW .1 .1 .1 6 4.0 WWW .1 .1 .1 6 4.0 WWW .1 .1 6 4.0 WWW .1 WWW .1 6 4.0 WWW .1 W	NNE	.9	1.7	.4									2.9	4.5	
E 7.C 5.5 2.3 .4 15.1 4.3 ESE 2.9 4.5 2.0 .3 9.7 5.0 SE 2.2 6.4 5.3 .4 14.2 6.3 SSE 1.4 3.4 2.7 1.4 .1 9.0 7.1 S 2.C 2.9 1.3 .4 6.6 5.1 SSW .1 .3 .4 11.0 SW .1 .3 .4 11.0 SW .1 .1 .3 .6 5.2 WSW .1 .2 .1 .1 .1 .6 7.2 WSW .1 .2 .1 .1 .1 .6 7.2 WSW .1 .2 .1 .1 .1 .6 7.2 WSW .1 .4 .4 .3 1.7 6.4 WWW .1 .4 .4 .1 .1 1.0 6.9 WSW .1 .4 .6 .4 .4 .3 1.7 6.4 WSW .1 .4 .6 .4 .4 .5 .1 1.0 6.9 WSW .1 .4 .5 .6 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	NE	2.0	2.9	.4	. 1								5.5	4.4	
ESE 2.9 4.5 2.0 .3 9.7 5.0 SE 2.2 6.4 5.3 .4 14.2 6.3 SSE 1.4 3.4 2.7 1.4 .1 9.0 7.1 S 2.0 2.9 1.3 .4 6.6 5.1 SSM .1 .2 .1 .3 .4 11.0 SW .2 .1 .3 .4 .6 5.2 WSW .1 .7 .1 .1 .1 .6 7.2 WSW .1 .1 .7 .1 .1 .1 .6 7.2 WSW .1 .7 .1 .1 .1 .6 .6 .6 .4 .4 .4 .3 11.7 6.4 WWW .1 .4 .4 .1 .1 .1	ENE	1.5	1.9	•5	• 3								4 - 2	4.7	
SE	£	7.0	5 • 5	2.3	. 4								15.1	4.3	
SSE 1.4 3.4 2.7 1.4 .1 9.0 7.1  S 2.0 2.9 1.3 .4 6.6 5.1  SSN .1 .3 .4 11.0  SN .2 .1 .3 .6 5.2  MSN .1 .7 .1 .1 .6 7.2  M6 .4 .4 .3 1.7 6.4  MNU .1 .4 .4 .1 1.0 6.9  NNU .3 .6 .3 1.1 4.6  NNU .4 .1 .1 .16 4.0  WARIABLE  CALH ////////////////////////////////////	ESE	2.9	4 • 5	2.0	. 3								9.7	5.0	
S	SE	2.2	6 • 4	5.3	. 4								14.2	6.3	
SSW .1 .3 .4 11.C SW .2 .1 .3 .6 5.2 WSW .1 .2 .1 .1 .1 .6 .6 7.2 W .6 .4 .4 .3 .1.7 6.4 WWW .1 .4 .4 .1 .1 .1 .0 6.9 WWW .3 .6 .3 .1.1 4.6 WWW .4 .1 .1 .1 .6 .6 4.C	SSE	1.4	3 • 4	2.7	1.4	.1							9.0	7.1	
SW .2 .1 .3 .6 5.2  WSN .1 .2 .1 .1 .6 7.2  W .6 .4 .4 .3 .1.7 6.4  WNW .1 .4 .4 .1 .1 .1 .0 6.9  NW .3 .6 .3 .1.1 4.6  HNW .4 .1 .1 .1 .6 4.0  WARIABLE CALM	s	2.0	2.9	1.3	. 4								6.6	5.1	
WSW .1 .7 .1 .1 .6 7.2  M6 .4 .4 .3 .1.7 6.4  WNN .1 .4 .4 .1 .1 .16	SSW	•	. 1		. 3								.4	11.0	
M6 .4 .4 .3 1.7 6.4  WNN .1 .4 .4 .1 1.0 6.9  NN .3 .6 .3 1.1 4.6  NNN .4 .1 .1 .1 .6 4.0	SW		• 1	.3									•6	5 . 2	
WNW .1 .4 .4 .1 1.0 6.9  NW .3 .6 .3 1.1 4.6  NNW .4 .1 .1 .1 .6 4.0  WARIABLE	WSW	.1	• 3	.1	- 1								.6	7.2	
NW .3 .6 .3 1.1 4.6 1NW .4 .1 .1 .6 4.0	<b>u</b> .	.6	. 4	-4	. 3								1.7	6.4	•
WARIABLE CALM ////////////////////////////////////	WNW	•1	.4	.4	. 1				•				1.0	6.9	
VARIABLE    CALM   ///////////////////////////////////	NV	.3	• 6	. 3									1.1	4.6	
CALM (////////////////////////////////////	MNW	.4	•1	•1									.6	٩. ٥	
CALM (////////////////////////////////////	WARIAR! F	;······		•••••	•••••	•••••	• • • • • • • •	•••••	•••••	•••••	•••••	•••••	• • • • • • • •	••••	•••
		1	,,,,,,,,	,,,,,,,,	,,,,,,,,			,,,,,,,,,		,,,,,,,,	,,,,,,,	,,,,,,,,	22.3	,,,,,,	
		ľ													

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62 MCNTH: JUL HOURS(LST): 1200-1400

									MCNTH:	JUL	HOURS (LS	11: 1200-	1400
**********		•••••	•••••	*******	······	D SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	•••••	•••••	••••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION (DEGR <sub>E</sub> ES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	1,3	2.0	1.1	. 3	• • • • • • •	*****	• • • • • • •	• • • • • • •	•••••	•••••	••••••	4.7	5,6
NNE	.9	• 8	. e									2.4	5.1
NE	1.5	2 • 2	1.1	. 3	.1							4.7	5.9
ENE	.6	1.5	-1	. 3								2.5	5.3
Ε	3.3	3.4	2.4	•1	•1	-1						9.5	5.4
. ESE	1.5	4 • 6	1.9	. 4	. 3							8.7	6.0
SE	1.7	5 • 1	6.4	1.8								14.9	7.2
SSE	1.4	4 • 5	5.3	2 • C								13.2	7.4
S	1.9	3.9	3.2	1.0		•1						10.2	6.5
SSW		1.1	.5	. 1								2.5	5.5
Sw	.6	1.1	• 9	• 3								2.9	6.4
WSW	.1	.4	. 3	. 3								1.0	7. ŧ
v		1.1	1.3	. 6		-1						3.9	7.5
uhu	.•	. 9	. 4	• 3								1.9	6.5
NV		. 3		• 1								1.9	6.0
NNW	.5	• 5	• 3									1.3	4.5
VARIABLE	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	••••••	••••	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •	•••••	•••••	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALH		,,,,,,,	,,,,,,,,,	11111111	,,,,,,,	///////	,,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,,	13.6	111111
TOTALS	† † 17.6	33 • 5	26.7	7.8	.5							100.0	5.5
**********	j								•••••			• • • • • • • • • • • • • • • • • • • •	

# PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ION NUMBER	: 797340	STATION	NAME:						PERIOD (	JUL	HOURS (LS	-62 11: 1500-	1700
IRECTION   DEGREES)	1,-3	4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33			48-55	GE 56	TCTAL 8	ME AN Wind
N !	. 6	. 6	.9	. 3	.1	• • • • • • • •	•••••	• • • • • •	•••••	• • • • • • • •	•••••	2.7	7, 1
NNE	.5	• 8	. 3	. 4								1.9	6.1
NE	. 8	1.8	. 9	. 4								3.9	6.C
ENE	. 8	1.0	1.0	. • 1								3.0	6.1
E	1.0	2 - 3	3.2	. 9	-1		- 1					7.8	7.6
ESE	1.4	1.9	3.9	1.7								8.9	7.6
SE /	1.6	5 • 4	5.3	1.9	.4							14.7	7.4
SSE	1.2	3 • 6	4.7	2.1	•1							11.7	7.7
s	1 • 9	4 . 3	4.5	1.9	•5	-1						13.4	7.7
ssu	. 5	. 9	• 5									1.9	5.0
SW	. 6	1.9	1.0	• 1	.4							4.2	6.9
usu i	.5	1.2	.5	. 3								2.5	6.1
w	. 9	2 • 5	1.6	. 5								5.4	6.4
unu .	. 3	1.2	. 9									2.3	6.3
Nu	. 9	1.6	.6	. 3	.1					•		3.5	5.9
NNU !	. !	• 6	. e									1.7	5,8
VARIABLE !	••••••	•••••	•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • •	••••••	• • • • • • •	•••••	• • • • • • • •	•
CALH	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	19.5	,,,,,,
TOTALS I	13.5	31.9	36.7	10.9	1.8	.1	.1					100.0	6.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: MONTH: JUL HO RD: 53-55,58-62 HOURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION | (DEGREES) | ME AN UNIU 7-10 TCTAL ..... 6.1 . 5 .2 2.2 . : •6 . 2 •2 7.0 NNE • 2 1.4 • ? • 6 NE 1.9 6.2 . 9 ENE . 3 • 6 3.7 Ε . 9 1.2 6.8 . 8 . 8 ESE . 5 3.0 3.0 . 8 • 2 7.8 7.1 1.7 5.4 1.9 14.4 7.5 SE 5.4 SSE . 9 4.7 2.2 • 3 11.8 8.0 3 • 7 5 2.6 4 . 3 3.4 1.6 . 5 12.4 6.9 2.3 5.4 SSW 1.1 • 9 • 3 . 5 1.1 . 5 . 3 2.3 1.4 .2 . 2 2.5 • 8 1.6 • 2 13.1 2.0 1.7 . 3 4.3 1 . 7 .6 4.8 . 2 3.9 . 5 5.4 . 6 2 • 6 . 2 NNM . 5 . 2 .5 CALM 100.0 TOTALS 5. t

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	?: 74734G	STATION	NAME:	WHITE S	ANDS MR N	M			PERIOD MONTH:	OF RECOR	D: 53- HOURSILSI	55,58-62 1: 2100-	2300
•••••		•••••	•••••	• • • • • • •		n seffn	IN KNOTS		••••••	•••••	•••••	•••••	••••••
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME AN H1ND
N	1.3	1.0	•8	. 6	•••••	•••••	•••••	• • • • • • •	•••••	••••••	••••••	3.7	6.3
NNE	.5	• 6		• 2								1.3	5.1
NE	.5	• 6	. 3	. 5								1.9	6.7
ENE	.3	• 3	.5									1.1	5.1
E	.5	1.9	•2	• 3								2.9	5.3
FSE	• 3	1 - 8	1.4	• 2								3.7	6.4
SE	. 8	4.0	5.1	• 6	. 3							10.9	7.3
SSE	. 6 	1.9	5.1	3. 7	•2							11.5	9.2
S	.5	2.4	4.8	• 6	. 5	•5						9.0	<b>e.</b> 5
SSW	[ 	• 2	. 3									.5	6.7
Su	1-1	• 9	.5		•2	•2						3.7	8.1
uSW	. 6 1	• 3	.2									1.8	7.3
₩	4.2	4 • 5	2.4									13.3	6.1
wNw	3,4	2 • 2	• 8									6.7	4.4
NU	2.6	2 • 2	.6									5.8	4.4
NNU	. 6	• 5	• 2	. 3								1.6	5.5
VARIABLE	••••••	•••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	•••••	•••••	•••••	*******	•••••	•••••
CALM	111111111	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	///////	,,,,,,,	,,,,,,		,,,,,,,	,,,,,,,,	20.7	111111
TOTALS	17.6	25 • 3	23.2	10.9	1.8	. 3						100.0	5.4

S. F.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 STATION NUMBER: 74734C STATION NAME: HONTH: JUL HOURSILSTI: WIND SPEED IN KNOTS MEAN WIND DIRECTION 22-27 28-33 IDEGREESI 1 1.4 •0 3.8 5.1 2.C NNE . 7 . 9 . 3 • 1 .0 4.9 NE 1.0 • 5 • Z .0 3.3 ENE . 7 . 9 . 3 • 1 2.1 .0 5.2 E 1.3 . 3 .0 2.3 2.4 • 8 ESE . 4 6.0 2.5 1.8 . 1 1 . 3 11.2 SE 4 - 9 4.2 . 9 6.7 1.6 . 1 3.3 8.7 7.7 SSE 1.7 . 1 1.0 2 . 7 S 1.5 2.4 . 8 . 2 .1 7.7 6.8 2.7 1.2 SSW • 5 . 3 • 1 . 6 • 8 . 4 . 2 • 1 •0 2.2 • Z . 2 2.9 . 8 . 1 •0 1.6 2 . . 1.9 .7 . 1 •0 1 . 7 1.7 . 9 4.6 .5 NW 1 . 7 . 1 • 7 NNH . 3 4.7 CALM TOTALS • 0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: AUG HO ORD: 53-62 HOURS(LST): 0000-0200 STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM WIND SPEED IN KNOTS 17-21 22-27 28-27 DIPECTION ! 48-55 MEAN GE 56 TOTAL LOE GREES) WIND 1 5.2 . 3 3.7 1.3 1 . 5 • 6 • 3 1.5 4.4 NNE . 6 NE . 5 1.1 1.6 4 . 2 ENE . 4 1.0 1.4 3.9 E 1 - 3 . 8 ESE . 9 . 5 5.5 • 3 . 3 5.1 5.7 SE . 9 1.4 2.5 SSE . 5 5.7 6.4 1 . 4 1.6 2.2 s . 8 1.3 1.3 . 6 3.9 7.0 . 1 . 5 . 3 1.0 5.4 SSE . 1 Sa . 5 . 3 1.5 4.3 . 8 WSW 1.0 2.3 5.8 18.9 6.6 6 . 3 4.2 5 • 6 1.4 2.7 7.0 4.5 NW 1.0 . 1 3.2 2.3 4,3 NNH 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER			NAME:						HONTH:		HOURS ILS	-62   1: 0300-	0500
DIRECTION	1-3	4-6	7-10			ND SPEEC	IN KNOTS 28-33	3	41-47			TETAL	MEAN
(DEGREES)												*	MIND
N	1.0	1.1								• • • • • • • • • • • • • • • • • • • •	•••••	2.1	3,8
NNE	.8	. 4	• 3									1.4	4 - 1
NE.	• 1	• 6	•1									. 9	5.1
ENE	. 4	• 3										.6	3 • C
E	1.0	•5	.3									1.8	3,9
ESE	• 3	. 4	.1	• 1								.9	5,6
SE	1.4	• 8	1.1	. 1								3.4	5.2
SSE	.6	2.0	.3	. 3	1.							3.3	6.0
s	1.8	• 5	.1	.1								2.5	4.0
S\$W	.6	•1										.8	2.8
SH	.9	• 1	.1									1.1	3.4
พรษ	. 8	. 1	.1									1.0	3.3
#	10.6	5 • 5	1.5	1.3	-1							19.0	4.3
WNE	8.2	3 • 3	1.1	. 3								12.8	3.8
Nu	4.5	3 • 6	1.0	. 1								9.4	4.0
NNW	1.5	. 9	.1									2.5	3.€
VARIABLE 1	••••••	• • • • • • • •	•••••	• • • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • • • • • • •
	i . , , , , , , , , , , , , , , , , , , ,	,,,,,,,,	1111111	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	36.5	111111
TOTALS	34.3	20 • 4	6.3	2.3	. 3							100.0	2.6
	 					•••••						• • • • • • • •	• • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

Same and the same of the same

PERIOD OF RECORD: 53-62 MONTH: AUG HOURS (LST1: 0600-080G

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DIRECTION (DEGR <sub>E</sub> ES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TETAL	MEAN WIND
N	3, 2	2 - 3	•6	*******	•••••	*******		• • • • • • •	•••••		• • • • • • • •	6.2	3 <b>.</b> e
NNE	1.5	1.0	• 1	. 1		•						2.8	3.8
NE	1.3	• 6										1.9	3 • C
ENE	1.9	1.0	•1									3.0	3. 2
Ε	1.8	1.1	.4									3.3	3.7
E S E	1.4	. 9	•1									2.4	3,6
SE	2.4	1.1	1.1	. 1								4.9	4.7
SSE	٠,٩	1.6	.6	. 3								3.4	5.4
s	.,	1.0	. 1	. 1								2.1	4.6
SSW			. 1									.1	9.[
Sw	.1	. 1	.1									. 4	4.7
wsw	.3	. 3										.5	3.0
W	3.8	2 - 2	.6	. 8								5.3	4.7
WNW	4.8	1 - 8	.3	• 1								6.9	3.2
NS	3.8	2 • 3	1.0	- 1								7.2	4 - 1
NNW	2.3	• 5		• 1								1.9	3,4
VARIABLE	! !	•••••	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	••••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CALM		,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	11111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	44.9	111111
TOTALS	1   29.; 	16 • 7	5.4	1.6								160.0	2.1
	• • • • • • • • • •							• • • • • • •			• • • • • • •		• • • • • • • • • • • • •

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

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PERIOD OF RECORD: 53-62 HOMEN: AUG HOURS(LST): 0900-1100 UNITE SANDS HR NM PERIOD OF RECORD: DIRECTION 1-3 7-10 34-40 TETAL MEAN I 123389301 HIND 4.5 2.0 .5 1 - 1 3.6 4.6 NE 1.9 2 - 1 1.1 5.2 4.6 . : E NE 2.0 3.0 1.1 5.1 6.4 E ... . 1 ••0 1.3 ESE 3.1 ••• 1.0 9.6 4.2 \$€ 2.6 3.0 3.5 9.7 5.5 SSE 2.4 2.5 1.8 5 1.5 4.9 2.5 . 3 • ! . : . 1 . 1 . 5 5.0 ... . 1 . 1 . 1 . 1 . 5 11.3 . ! 2.0 7. 2 . . .. -. . • 1 . . 1.0 10.0 ٠. ٠, ٠. 7. 3 ------CAL 100.0

10 164 WHIRE OF BRIES DATIONS : 745

	AD-A187 848	ITI NU MRUUZ	SAMPS RV OF S II CAL AP TAC DS	MISSIL	E RAP	GE MEH	MEXIC	PARTY!	SED UN	I FORM	2	13
	UNCLASSIFIE	D JECH	HCOLDS-	11/891	I OM2	CENTER	2011	A	F/G	4/2	HE	,
ı												
_												

1.0 44 28 25 22 22 1.1 4 1.6

MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 797340 STATION NAME: WHITE SANDS MR NM PEGIOD OF RECORD: 53-62

									MONTH:	AUG	HOURS (LS	11: 7500-	1400
DIRECTION   (DEGR <sub>E</sub> ES)	1-3	4-6	7-10	11-16		SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	ŢĢTAL B	MEAN WIND
N	1,4	1.9	.6	. 3	•••••	•••••		•••••	•••••	•••••	• • • • • • • •	4.2	4,
NNE !	1-9	.9	.4	• 1								2.8	4.2
NE	1 - 1	1.3	1.1	,								3.5	5.
ENE	• 5	2.0	.5	. 3								3.3	5.1
E	1.9	3 • 6	2.4	. 4								8.3	5.0
ESE	2.4	4 • 3	1.9	• 3								9.6	5.
SE	2.1	5 • 5	4.9	1.0	•1							13.7	6.
SSE	1-1	5.9	3.0	. 9								10.9	6.
s į	1.9	5 • 2	3.4	. 8							,	11.2	6.
SSU	1.0	• 8	. 3									2.3	٩.
SW	. 6	••	.4	. 1								1.5	5.
WSW	• 3	• 5	.0	. 4	.1							2.0	8.
u i	1.4	2 • 0	2.5	1.3								7.2	7.
WNL	. •	1.1	1.4	. 5	.1							3.5	7.
NW	3	1.9	1.3	.4					,			3.3	6.
NNW	. 5	. 9	1.0	. 3					•			2.6	6.
VARIABLE	•	• • • • • • •	•••••	••••	• • • • • • • • •	•••••	• • • • • • •	•••••	••••••	••••••	•••••	••••••	•••••
CALH !	,,,,,,,,,	,,,,,,,	,,,,,,,	11111111	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	11.2	11111
TOTALS	18.2	37 • 6	25.0	6. 5	.4							100.0	5.

TOTAL NUMBER OF OBSERVATIONS: 795

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NH

PERIOD OF RECORD: ORD: 53-62 HOURS(LST): 1500-1700 MONTH: AUG WIND SPEED IN KNOTS DIRECTION | COEGREES! ME AN UINE 7-10 22-27 TETAL 'n ····· ٠٠٠٠ . 5 2.6 1.2 • 9 NNE . 3 • 5 1.3 5. NE 1.0 2.3 8. • 1 • 6 ENE 5. . 1 E 3.3 7. 3 . 3 1.3 9.1 ESE 2.6 3.3 1.3 8.7 7. . 1 SE 5.0 3.1 1.6 . 1 11.5 7. SSE 7. 4.0 1.2 . 1 10.5 s 1.7 . 1 12.9 SSW 2.8 5. . 3 2.4 5. . 1 . 3 7. 2.6 . 1 7. 2.9 1.5 8.7 WNW 1.9 1.8 . 8 7. 4.9 4.6 6. NNW VARIABLE CALM

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 57-55,57-62 MONTH: AUG HOURS(LST): 1800-2000 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

		•••••	•••••	•••••		ID SPEED	IN KNOTS	,	•••••	• • • • • • • •	••••••	·····	•••••
DIRECTION   (DEGR <sub>E</sub> S)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TETAL	MEAN WIND
N	. 6	. 9	. 3	. 3			••••••	• • • • • • •		••••••	•••••	2.0	6.2
NNE	-1	• •	•1	.1	• 3	.1						1.3	11.3
NE	. 9	. 9	. 1	. 3								2.1	4.5
ENE	. •	• 7	. 3									1.4	4.7
E	.6	1.1	1.8	. 7	.1							4.4	7.8
ESE	.7	1.1	1.1	. 7								3.7	7.1
SE	2.0	3 • 5	3.5	. 9								9.9	6.6
SSE	2.4	4.4	4.4	1.1	.1							12.5	6.6
s	2.0	4.7	3.5	1.6	-1							12.2	6.9
SSW	1.0	.4	-1						,			1.6	3.5
SW	1.0	•6	.4									2.0	4,3
WSW	1.6	1.1	.7	• 1								3.5	4.6
¥	4.0	4 • 5	2.4	1.4								12.3	5.6
WNW	2.4	2 • 7	2.1	. 9								6-1	5.9
NW	2.1	1.6	1.0	• 1								4.8	4.7
NNW	.6	. •	•1					ı				1.1	3.5
VARIABLE	•••••	•••••	•••••	•••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • • •	•••••	•••••	•••••	
-												17.0	,,,,,,
											,,,,,,,		
TOTALS	22,- 3	29 - 1	22.3	8.5	.7	-1						100.0	5.1
**********			•••••		• • • • • • • •		• • • • • • • •						

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SHEED FROM HOURLY OBSERVATIONS

WIN MEWINER ZENATCENNYC

									MONTH:	AUG	HOURS (LS1	1: 2100-	2300
DIRECTION   1DEGREES)	1-3	4-6	7-10		17-21	ND SPEED 22-27	IN KNOT: 28-33	34-40	41-47	48-55	GE 56	TOTAL	NIND HEAN
N !	1.c	1.6	.3	. 3	• • • • • • •	•••••	••••••	• • • • • • •	•••••	• • • • • • •	*******	3.1	5.
NNE	.6	. 4									,	1.0	3.
NE	-1	1.1	.3	. 3		-1						2.0	7.
ENE	. 7	.4	.1									1.3	3.
ε	1.0	• 7		4								1.7	3.
ESE	. 6	. 9	.7									2.1	5.
SE	. 7	4 • 3	3.4	. 4								8.8	6.
SSE	1.4	3 • 5	2.8	1.5								8.8	6.
s	1.8	2.1	2.1	2.1	• 3							8.5	7.
ssu		• 6	.3	.4						•		1.3	8.
SN I	.6	• 3	.3	•1								1.3	5.
usu .	, 4	1.1	.6	• 1								2.3	6.
	5.2	6 • 2	3.7	1.7								16.9	5.
LNU	4 5.0	3 • 5	1.6	. 7	1			•				10.9	٠.
NU !	2.8	4 - 1	1.3	. 4								8.7	5.
NNW	.6	• 7		. 3								1.6	5.
VARIABLE !	•••••	•••••	******	• • • • • • • • •	• • • • • • •	••••••	••••••	••••••		• • • • • • •	••••••	•••••	•••••
CALH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	//////	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	19.9	,,,,,
TOTALS 1	22.6	31 • 6	17.4	7.9	.4	•1						130.0	٩.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

1	••••••	•••••			WIN	O SPEED	IN KNOTS			••••••			•••••
IRECTION Ì Degre <sub>e</sub> si i	1-3	4-6	7-10		17-21	-	28-33			48-55	GE 56	TOTAL	MENN
N į	1,4	1.6	.5	. 1	• • • • • • • •	•••••	••••••	•••••		•••••	•,	3.6	4.6
NNE !	. 8	• 8	•2	- 1	.0	•0						2.0	4.8
NE		1.1	.5	. 1	•0	•0					•	2.5	5.3
ENE !		1.2	. 3	. 1					•			2.4	4.7
E	2.0	2.2	1.2	. 3	.0							5.7	5.3
ESE	1.3	1.9	1.1	. 3	•0							4.6	5.6
SE	1.7	3 • 2	2.7	. 6	.0							8.3	6.2
SSE	1.5	3-1	2.3	. 7	.0							7.7	6.4
s	1.6	2 • 7	2.0	• 9	.1							7.2	6,5
ssw	. 5	.4	•2	• 1								1.2	5.0
Su	. 5	• 5	• 3	• 1								1.3	4,9
WSW	. 6	• 6	.4	• 2	•1							1.8	6.1
u j	4.1	3 • 6	2.1	1.3	• 1	•0						11.3	5.7
unu	3.2	2 • 5	1.2	. 5	.0							7.5	4,8
Nu I	2.1	2 • 3	1.2	• 3								5.9	4.9
MNU	. 9	• 8	.3	. 1								2.1	4.8
VARIABLE !	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • •	••••••	•••••	•••••	•••••	•••••
CALM !	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	24.7	,,,,,,
TOTALS	23.8	28 • 6	16.6	5.8	. 4	.0						100.0	4.2

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	2 747390	STATION	NAME :	WHITE SA	NDS HR N	•			PEPIOD Month:	OF RECOR	D: 53- Hours (LST		0200	
DIRECTION   10EGREES)	1-3	4-6	7-10	11-16	₩INC 17-21	SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MEAN Wind	
N I	1,6	.7		• • • • • • • • •	• • • • • • •	• • • • • •	••••••	•••••	• • • • • • • •	•••••	••••••	2.4	3,4	,
NNE !	,1	• 7	-1									1.5	3.8	
NE !	.5	• 5	. 3									1 - 3	4.3	
ENE	• 1	•5		. 1								-8	5.7	
E	.5	.9	. 3	. 1								1.9	4.7	
ESE	.•	. 9	.4									1.7	4.7	
SE	1+1	1.9	2.0	. 5								5.4	6.4	
SSE	. 4	1.6	2.0	1.2	.1							5.3	8.2	
s	. 8	1.9	• 6	. 7	-1							4.2	6.7	
SSW	.7	• 5										1.2	3,4	
Su	1-1	• 3		. 1								1.5	3,9	
wsw	.5	1.2	.5	;								2 • 3	5.2	
u	7.3	7.6	1.5	2.4	.5						•	19.3	5.6	
hNu	3.7	6.4	2.3	. 7		•1						13.1	5.5	
NW	5, 2	6 • 2	• 9	•								12.4	4 • 2	
NNL	. 5	• 7	• 1									1.3	3,7	
VARIABLE	• • • • • • •							•••••	· · · · · · · · · · · · · · · · · · ·		······	24.4		• • •
TOTALS	25.1	32 • 4	11.3		.8	•1						109.0	4.6	•••

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: MONTH: SEP HO CORD: 53-62 HOURS(LST): 0300-0500 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION 1-3 7-10 MEAN WIND 34-40 (DEGREES) 2.0 2.5 2.7 NNE 1 - 1 1.9 3.3 NE . 7 . 4 1.1 3 . C ENE . 4 . 9 . 1 1.5 4.5 ε . 1 1.2 ESE • 5 1.3 4.2 SE . 6 3.7 4.5 1 - 1 SSE . 3 . 8 2.1 6.7 • 7 5.5 SSW . 5 . 1 - 1 5.3 . 1 .1 . 7 USM . 3 . 3 • 3 • 1 2.0 2.1 1.2 21.2 ۹.8 9.3 4.3 VARIABLE CALM 100.0

GLOBAL (LIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM PEPIOD OF RECORD: 53-62

									MONTH:	SEP	HOURS ILS	11: Deco-	08 00
*********		• • • • • • • •	•••••	• • • • • • • • •		D SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	•••••	•••••	•••••	•••••
OIRECTION	1-3	4 ~6	7-10	11-16	17-21		28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN Wind
N	2,7	1.1	••••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • •	••••••		3.7	3,1
NNE	1+2	• 1										1.3	2.6
NE	1.5	• 8	• 3									2.5	3. é
ENE	.7	.4										1.1	2.8
E	3.2	. 9	•1									4.2	3 • C
ESE	1 • 3	1.3			•							2.7	3.7
SE	2.4	2.0	• 7	• 1								5.2	4.5
SSE	1+2	1.5	.9	. 3								3.9	5.4
s	. 8	• 5	•1	• 1								1.6	4.3
SSW	.•	• 1										.5	2.3
Su	.7	•1				•						.8	3.0
WSW	1.5		•1	• 3								1,9	4,6
- W	4.0	3 • 6	.9	1. 3								9.8	5.2
WNW	2.9	2 • 1	•	• 3								5.7	4+1
NV	3,7	3 • 3	• 5	• 3								7.8	4.1
NNW	1.6	• 5		• 1								2.3	3.5
VARIABLE	•	• • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • • •	•••••
CALM	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	11111111	,,,,,,,			,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,,	45.0	,,,,,,
TOTALS	29.6	18 • 5	4.1	7.8								100.0	2.1
•••••	 ***				• • • • • •	• • • • • • •		•••••	• • • • • • •	•••••	•••••		•••••

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TION NUMBER:									MONTH:		HOURS (L51	-62  1: 0900-	110C
DIRECTION	1-3	4-6	7-10		u I	ND SPEED	IN KNOTS 28-33				GE 56	TCTAL	ME AN
(DEGREES)	1-3	. •				-	-					T.	MIND
N .	. 8	1.1	.3		• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • • •		2.3	4,7
NNE	1.6	1 - 1		• 1								2.8	3.4
NE I	3 . 3	2 • 3	.7	• 1								6.4	4.2
ENE !	2 • 1	1 - 7	.7	• 1								4.6	4.3
E į	4.C	4 - 1	.9									9.0	4.1
ESE	3.7	3.2	2.1	. 5								9.5	5.0
SE	2.3	5 • 8	4.2									13.3	6.2
SSE	1.7	1.5	2.1	1.1								6.4	6.7
s 1	1 • 2	1 - 1	.4	. 7								3.3	6.0
SSW	• 1	• 1	•1									.4	5. 3
Sh	• 3	• •	•1									. 0	4.7
M2M	• 1	• 3	•5	. 7					•			1.6	8.9
<b>u</b>	. 0	•1	2.5	2.0								6.0	8.7
WWW	• 3	1.2	1.6	• 5								3.6	7,4
NK	. 9	1.1	1.1	. 4								3.4	6.5
NNU !	. 5	• 4	.•									1.7	5.4
VARIABLE	•••••	•••••	•••••	• • • • • • • • • •	• • • • • •	••••••	•••••	• • • • • •	•••••	•••••	•••••	• • • • • • • • •	• • • • • • • •
CALM	1111111	,,,,,,,	//////	,,,,,,,,	,,,,,,	<i>iiiiiii</i>	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	24.9	,,,,,,
TOTALS	23.7	26 • 3	17.8	7. 3								100.0	4.3

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62 MONTH: SEP HOURS(LST): 1200-1400

•••••		•••••	•••••	• • • • • • • • • • • • • • • • • • • •			IN KNOTS	• • • • • • •	••••••	•••••			
DIPECTION LOEGRES!		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL T	ME AN
N		. 8	-1	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •		1.7	*.c
NNE	.1	• 9	.3	• 3								1.5	6.5
NE	.7	2.1	1.1			•						3.9	5,6
ENE	.7	1.7	•5		•							7.9	4.7
E	2.7	4 . 6	2.8	. 4								10.5	5.4
ESE	.5	3.2	2.4	• 3								6.4	6.3
SE	201	6 • 5	5.0	1.2								14.9	6 , 6
SSE	1.5	3.9	3.6	1.5	-1							19.5	7.C
s	1.2	3.2	2.1	. 9	-1							7.6	6.8
SSW	.8	.4	.9	• 1								2 • 3	6.1
Su	• 1	1.1	.4									1.6	5.6
usu		1 • 6	1.1									3.1	6.C
u	1.2	1.6	4.1	2.9	. 4	•1						10.4	9.1
unu	.9	1 - 3	1.7	1.1								5.0	7.2
Nu	.•	1.1	2.8	. 3								4.5	7,5
NHU	, • 3	• 7	.5	• 1								1.6	6.4
VARIABLE	, , , , , , , , , , , , , , , , , , , ,		•••••	••••	• • • • • • •	•••••			• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	
		,,,,,,,	,,,,,,,,					1111111				11.4	,,,,,,
TOTALS	1	39 • 5	29.5	9.0	.7						,,,,,,,,	100.0	•
	14.3	37.5	67.5	7.0		.1						100.0	5.5
						• • • • • • •			• • • • • • • •				

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62
MONTH: SEP HOURS(LST): 1500-1700 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

DIRECTION   1-3	***********		• • • • • • • •	•••••	•••••	······	ND SPEED	IN KNOTS	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	•••••	**********
NNE			4-6	7-10	11-16					41-47	48-55	GE 56		
NE	N	. 5	• 1	. 3	. 3	• • • • • •	•••••	** * * * * * * * *	• • • • • • •	• • • • • • •	••••••	•••••	1.2	5,8
ENE	NNE	.8	• 8	.7									2.3	4.7
E 1.7 2.0 1.5 1.2 6.6 6  ESE 1.2 1.2 1.2 1.3 5.0 7.2  SE 2.C, 4.8 5.0 1.1 .3 13.2 6.9  SSE 1.6 4.2 6.2 1.5 13.4 7.2  S 2.7 3.9 3.6 1.7 .1 12.1 6.8  SSW 1.5 .3 .7 .4 2.8 5.7  SW .8 .8 .8 .9 .4 .3 2.8 5.5  WSN .9 1.2 1.2 .4 .1 3 3.9 6.8  W 2.4 2.6 4.2 1.6 .4 11 3.9 6.8  W 2.4 2.6 4.2 1.6 .4 12.2 7.2  WHW 1.3 1.2 .9 1.3 4.8 7.1  NW .8 1.9 1.5 .3 1.2 .9 1.3 4.8 7.1  NW .8 1.9 1.5 .5 .4 .3 1.2 4.2	NE	.5	• 5	.5									1.6	5.3
ESE 1.2 1.2 1.2 1.3 5.0 7.2  SE 2.C, 4.8 5.0 1.1 .3 13.2 6.9  SSE 1.6 4.2 6.2 1.5  S 2.7 3.9 3.6 1.7 .1 12.1 6.8  SSM 1.5 .3 .7 .4  2.8 5.7  SM .8 .8 .8 .4 .3  SSM .9 1.2 1.2 .4 .1  MN 2.4 3.6 4.2 1.6 .4  NN 1.3 1.2 .9 1.3  NN .8 1.9 1.5 .3  NN 1.3 1.2 .9 1.3  NN 1.3 1.2 .9 1.3  VARIABLE  CALM   VARIABLE	ENE		• 5	.7	. 1								2.2	5.1
SE	Ε	1.7	2.0	1.5	1.2								6.5	6.6
SSE 1.6 4.2 6.2 1.5 13.4 7.2  S 2.7 3.9 3.6 1.7 .1 12.1 6.8  SSM 1.5 .3 .7 .4 2.8 5.7  SM .8 .8 .8 .4 .3 2.3 5.5  WSM .9 1.2 1.2 .4 .1 3.9 6.8  W 2.4 3.6 4.2 1.6 .4 12.2 7.2  WMM 1.3 1.2 .9 1.3 4.8 7.1  NN .8 1.9 1.5 .4 .3 1.2 .9 1.3  VARIABLE CALM ////////////////////////////////////	ESE	1 • 2	1.2	1.2	1.3								5.0	7.2
S	SE	2.c,	4 • 8	5.0	1.1	• 3							13.2	6.9
SSM 1.5 .3 .7 .4 .2.8 5.7  SM .8 .A .4 .3 .2.3 5.5  WSM .9 1.2 1.2 .4 .1 .1 .3.9 6.8  W 2.4 3.6 4.2 1.6 .4 .12.2 7.2  WNW 1.3 1.2 .9 1.3 .4.8 7.1  NW .A 1.9 1.5 .4 .3 .1.2 .5.5  NNM .5 .4 .3 .1.2 .4.2  VARIABLE CALM ////////////////////////////////////	SSE	1.6	4 • 2	6 • 2	1.5								13.4	7.2
SM	S	2.7	3 • 9	3.6	1.7	•1							12.1	6.8
WSW	SSW	1.5	• 3	.7	. 4								2.8	5.7
N	SW	.8	- 6	.4	• 3								2 • 3	5.5
WNW 1.3 1.2 .9 1.3 4.8 7.1  NW .0 1.9 1.5 4.2 5.5  NNW .5 .4 .3 1.2 4.2  VARIABLE   CALM ////////////////////////////////////	usu	.9	1 - 2	1.2	. •	•1							3.9	6.8
NW .6 1.9 1.5 4.2 5.5  NNW .5 .4 .3 1.2 4.2  VARIABLE	¥	2.4	3 • 6	4.2	1.6		.4						12.2	7.2
NNW .5 .4 .3 1.2 4.2  VARIABLE	unu	1.3	1.2	• 9	1.3								4.8	7.1
VARIABLE	NU	.,	1.9	1.5									4.2	5.5
CALM (////////////////////////////////////	Nku	.5	• •	• 3									1.2	4 • 2
CALM (////////////////////////////////////	VARIABLE		• • • • • • •	•••••	•••••	• • • • • •	•••••	••••••	•••••	• • • • • • •	•••••	• • • • • • • • •	• • • • • • • • •	•••••
TOTALS 20.2 27.6 28.8 11.3 .5 .4 100.0 5.5		1	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	///////	,,,,,,,	,,,,,,,	,,,,,,,	11.2	,,,,,,
***************************************	TOTALS	20.2	27 • 6	28+8									100.0	5.5

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR WEATHER S	ERVICE/MAC					FROM	HOURLY	DBSERVAT	TIONS				
STATION NUMBER	R: 747340	STATION	NAME:	WHITE SA	NDS MR	NM			PERIOD Month:	OF RECOR		-55,57-62 T): 1800-	
•••••	· · · · · · · · · · · · · · · · · · ·	••••••	•••••	• • • • • • • • •			IN KNOT		••••••	• • • • • • • •	•••••	• • • • • • • • •	
DIRECTION (DEGR <sub>E</sub> ES)		4-6	7-10		17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME AN MIND
N	. 4	• 6	-1	• • • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	••••••	• • • • • • •		1.1	4 • C
NNE	• 2					. 1						. 4	9.7
NE	.4	.4	.4	. 3								1.6	6.5
ENE		• 3	• 3									•6	5.5
E	.7	• 6	1.0	. 1								2.4	6 • C
ESE	1.3	1.9	.7	. 3								4 - 1	5.4
SE	1.1	3 • 7	3.7	. 4	•1							9.2	6.6
SSE	.9	3 • 3	4.0	1. 1								9.3	7.2
S	1.7	3 • 1	1.0	1.3		•1						7.3	6.4
SSW	. 6	. 9										1.4	3. 9
SW	1.4	1 - 4	•6									3.4	4.4
RZM	1.7	1.0	.6	. 4	•1							3.9	5 . e
<b>u</b>	7.4	4 • 3	3.1	1.6	.4							16.9	5.5
WNW	2.4	3.7	• 9	. 4								6.7	5 • C
NW	2.7	3 • 1	•6	. 4	-1							7.0	4.8
NNW	.7	• 6		- 1								1.4	4.0
VARIABLE	·	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • • • •	
CALM	1   , , , , , , , , , , , , , , , , , , ,	,,,,,,,,	,,,,,,,	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	23.2	111111
TOTALS	23,9	28 • 2	17.0	6.6	.9	•3						100.0	4.4
	] • • • • • • • • • •												

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-55,57-62 MONTH: SEP HOURS(LST): 2100-2300

		•••••					••			36 <i>4</i>			
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	HI1 17-21	SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	ME AN WIND
N	1.1	. 6	-1	••••••	•••••	• • • • • • •	•••••	• • • • • • •		••••••	•••••	1.9	3.2
NNE	• 1	. 3	· •1									.6	5.5
NE	• 3	. 4										.7	3.8
ENE	. 4	.1	.1									.7	4.0
E	.1	1.4	.3									1.9	5.4
ESE	.7	1.7	.4									2.9	5.0
SE	1+3	3 • 7	2.3	. 7								8.0	6.1
SSE	.7	2 • 3	3.4	1.9	•1							8.4	8.4
s	.,	1.9	1.9	. 6	.1							4.9	7,5
SSW		. 4										.9	4.0
SW	.3	.4	•9	. •	•1							2.1	8.6
WSW	.,	1.0	.6	. 7	6							3.6	8.9
W	7.0	6.9	2.1	1.6	• 3							17.9	5.1
WNW	4.3	4.9	1.4	1.1								11.7	5.0
NU	3.4	5.0	1.3	. 3								10.0	4.7
RNW	1-1	• 7	.3									2.1	3.8
VARIABLE	! ! !	•••••	•••••	• • • • • • •	• • • • • •	••••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••
CALM		////////	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	21.9	,,,,,,
TOTALS	22.6	31 • 7	15.3	7. 3	1.3							100.0	4.5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
FROM HOURLY OBSERVATIONS

MIN MEMILEN 30	. MATCENHAC	•											
STATION NUMBER	7: 747340	STATION	NAME:	WHITE SA	NDS MR	MM			PERIOD Honth:	OF RECOR SEP	D: 53- HOURS (LS1	·62	L
**********	· · · · · · · · · · · · · · · · · · ·	••••••	•••••	• • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	ND SPEED	14 *461		••••••	• • • • • • • •	••••••	•••••	******
DIRECTION (DEGR <sub>E</sub> S)		4-6	7-10	11-16	17-21			34-40	41-47	48-55	GE 56	TOTAL	HE AN Wynu
N	1.3	.7	.1	• 1	• • • • • • •	•••••	•••••	• • • • • • •	••••••	•••••••	••••••	2.1	3.7
	i •••	• •	••	••								2	· ·
NNE	.7	• 6	•2	• 1		•0						1.5	4.2
NE	1.0	. 9	.4	• 1								2.4	4,6
ENE	. i	• 8	•3	• 1								1.8	4.5
Ε	1.6	1.9	.9	. • 3							•	٠.8	4.5
ESE	1.2	1.7	• 9	. 3								4.2	5.4
SE	1.7	3.0	3.0	. 6	-1							9.1	6.3
SSE	1.0	2 • 3	2.9	1.1	•1							7.4	7.2
\$	1 • 2	1.9	1.3	. 7	•1	•0						5 • 2	6.6
SSW	. 6	. 4	•2	• 1	•0							1.3	4.5
SW	.6	• 6	. 3	• 1	•0							1.6	5.3
usu	. 9	• 8	.6	. 3	•1							2.7	6.5
<b>u</b>	4.9	4.6	2.6	1.8	• 3	•1						14.1	6 • C
MNW	2.9	3 • 2	1.4	. 8	-1	•0						8.3	5.4
NW	2.6	3 • 3	1.2	• 2	•0							7.3	4,8
NNW	.7	• 7	•2	• 1								1.7	4.3
VARIABLE	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	••••••	• • • • • • •	•••••	•••••	•••••		•••••
CALM		/////////	///////	,,,,,,,,,	,,,,,,	: ///////	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	24.3	,,,,,
TOTALS	23.7	28 • 2	16.3	6.6	•6	•1						100.0	4.3
**********													

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF PECORD: 53-62

•••••	• • • • • • • •	• • • • • • • •							HONTH	••••	400K2(F2	1): 0000-	*****
IRECTION   DEGREES)	1-3	4-6	7-10	11-16		22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	ME AN WIND
N į	1.2	1.0	.1	. 1	•••••		• • • • • • • • •	•••••	• • • • • • • •	•••••	••••••	2.5	4.3
NNE	.4	. 4	•1									.9	4.3
NE	• 2	• 2	- 1									.6	4.6
ENE	• 1	•1										• 2	3.9
E	. 5	1.1	.1	- 1								1.8	5.2
ESE	. 6	.4	•5									1.5	5.4
SE	1 • 7	. 9	1.5									3.6	5.9
SSE	.4	1.1	1.0	• 2								2.1	6.6
s	. 5	1.4	.7	. 7		•1						3.4	7.0
SSW	1.0	• 1	•6	• 1								1.8	5.4
SW .	1.1	• 5	•2	. 2	. •	•1						2.6	8.
wsw	. 9	. 4	1.2	• 5	.4	1						3.4	9.
	9.0	11 - 7	4.6	2.1		•1		¢				27.4	5.
WNW	5.7	6 • 3	1.8	1.4								15.1	4.9
Nu !	2 • 3	4.4	.9	. 2								7.9	4.0
NNH	1.0	1-1	• 2									2.3	3.9
VARIABLE !	•	•••••		•••••	• • • • • • •	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••
CALH !	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	//////	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	22.1	/////
TOTALS	26.1	31 . C	13.8	5.8	.7	•5						100.0	4.1

GLOBAL CLIMATOLOGY BRANCH

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TION NUMBER	: 747340	S TAT 1 ON	NAME:						HONTH:	OF RECOR		-62 T1: 0300-	0500
DIRECTION   IDEGR <sub>E</sub> S1	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	IN KNOTS 28-33			48-55	GE 56	TCTAL	MEAN WIND
N	. 5	. 9	.1		••••••	••••••	*******	••••••	• • • • • • • •	••••••	••••••	1.8	3,
NNE	. 5	. 4										. 9	3.
NE	. 9	• 2										1.1	3.
ENE													
ε	• 2	.4	.1									.7	4.
ESE	. 5	• 2										.7	2•
SE	. 6	1.1	.6	. 1								2.5	5.
SSE	. 9	• 7	1.2	. 4		•1						3 • 3	7.
s	. 9	. 9	•7	• 2	•1							2.8	6,
ssu	. 4	• 6	.5									1.5	5.
SW	1 • 2	• 4	•2	. 2								2.1	٠.
wsw	2.0	• 6	.5	1.1	•1							4.3	6.
u į	11.9	10.6	2.5	1.6	.1							26.7	٧.
WNU	5,8	6.4	2.1	• 2			- 1					14.6	٠.
NV	4.3	2 • 6	.6	. 1								7.6	3.
NNW	1.0	. 9	•6									2.5	٠.
VARIABLE	•••••		•••••	• • • • • • •	••••••	•••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	
J	,,,,,,,,,,												,,,,,

TOTAL NUMBER OF OBSERVATIONS: 81

813

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100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ATION NUMBER:	747340	STATION	NAME:						HONTH:	_	HOURS (LS		08 00
•••••••••••••••••••••••••••••••••••••••	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •			IN KNOT		• • • • • • • •	•••••	••••••	• • • • • • • •	•••••
DIRECTION   ODEGREES!	1-3	<b>4</b> -6	7-10	11-16	17-21				41-47	48-55	GE 56	TCTAL 8	MEAN WIND
N !	1,7	•6	.1	• • • • • • • • •	• • • • • • •	•••••	******	• • • • • • •	• • • • • • • •	••••••	••••••	2.5	3, 3
NNE	. 5	. •	•2									1.1	4.2
NE	1.7	•6										2 . 3	2.5
ENE	. 4.	• 6	•1									1.1	4.0
ε	1.6	1.0										2.6	3.2
ESE	1.4	- 1										1.5	2 • C
SE	1.8	1.5	•9	. •	.1							4.7	5.4
SSE	. 5	• 7	1.2	. 7								3.2	7.8
s	1.0	• 7	.1	. 6								3.1	7.3
SSW	• 2	• 1	•1			•1						.6	8.0
SW	.•	• 6	.•	• 2								1.6	6.5
wsw	1.7	•5	.1	• 5								3.4	5.6
	7.1	5 • €	2.3	1.4								15.9	5 • C
NNN .	4.3	2 • 6	1.7	. 4								9.0	4.6
NU I	1.7	1.8	.6	. 2								4.4	4,9
NNW	. 9	• 6	. 1									1.6	3.0
VARIABLE	•••••	•••••	• • • • • • •	• • • • • • •	•••••	••••••	••••••	•••,••••	• • • • • • • •	•••••	•••••	• • • • • • • •	•••••
CALH ,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,,	41.5	,,,,,,
TOTALS	26.5	17.6	9.3	4.4	-1	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: #17

•

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

DIRECTION   IDEGREESI   N	1-3 1.c .2 2.1 2.8	4-6	7-10		17-21	D SPEED	IN KNOTS 28-33	<b>i</b>					
NNE I I I I I I I I I I I I I I I I I I	2.1	• •	.5	• • • • • • • • • • • • • • • • • • • •						48-55	GE 56	TCTAL 8	MEAN
NE I ENE I ESE I SE I	2.1		_		•1	*****	•••••	• • • • • • •	*******	••••••	••••••	2.3	5,
ENE   E   ESE   SE   SSE			• 9									1.5	6.
E   ESE   SSE	2.8	1-7	.4	• 5								4.7	٠,٠
ESE SSE		1.2	.7									4.8	3,
SE SSE	7,4	5.9	1.2									14.5	3,
SSE	3,6	3.9	1.4	. •								9.1	4.
į	3. 2	1.7	2.7	. 6								8.4	5.
s	1.5	1.5	2.7	• 5	•							6.2	ŧ.
	. 9	• 7	.9	. 6				•				3.1	6.
SSW	. 5	•1	. 2	. 4								1.2	6.
SW	• 2	.4	.7									1.4	6.
WSW		• 5	.5	. 7	•2							2.0	11.
w j	. 9	• 5	2.5	1.7	1.4							6.9	11.
WWW		• 2	1.5	. 6	-1							2.5	10-
NW İ	.7	1 - 1	.6	. 5								3.0	6.
NNW I	• z	•5	•1						•			.9	5.
VARIABLE		• • • • • • •	******	• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • • • •	••••••					•••••	•••••
TOTALS	,,,,,,,,	21.0	*******	,,,,,,,,	,,,,,,,	1111111	*******	,,,,,,	;;;;;;;;	,,,,,,,	,,,,,,,	27.8	,,,,,

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: OCT HOURS(LST): 1200-1400

							, 		: HTMOH	001	HOURS ILS	11: 1200-	1900
DIRECTION   ODEGREES)	1-3	9-6	7-10	11-16	HIN 17-21	0 SPEED 22-27	IN KNOTS 28-33		41-47	48-55	GE 56	TCTAL B	MEAN WIND
N [	1.5	. 9	.4		••••••		•••••	•••••	•••••	••••••	••••••	2.2	۹, ۶
NNE !	.6	1 • 2	.1	. 1								2 • 1	4,5
NE	1 • €	1.5	.7	. 1								3 • 3	5.1
ENE	2.t	1.0	.6									3.6	4.2
E	3.8	5 • 7	1.8	• 1								11.4	4.6
ESE	1.6	4 • 1	1.7	. 6								3.0	5.7
SE	1.5	4 - 2	3.8	1.5								10.9	7.1
382	1.8	3 • 7	2.3	. 5	•1							8.5	6.C
s	1.5	2.0	1-7	1.0	•1							6.3	6.8
ssu	• 2	• 1	1.0	• 2	•1							1.7	8.3
Sw	• 1	• 7	.7	. 4	•1	.1						2.2	9.3
wsw	. 1	1.0	.4	. 5	•2							2.8	7.3
	1.0	3 • 1	5 • 3	2.3	.7	•2						12.7	9.1
KNH	. 4	1 - 9	1.6	• 5	.6	•2						5.2	9.1
NW I	. 4	1.6	.7	. 1								2.8	6.2
NNU	• 2	• 2	•2	• 1								. 9	6.3
VARIABLE	• • • • • • • •	•••••	•••••	******	• • • • • • •		••••••	• • • • • • •	••••••	•••••	•••••	• • • • • • • •	•••••
CALM .	/////////	,,,,,,,	///////	11111111	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	15.4	,,,,,,
101ALS	17.8	32 • 7	23.2	8.1	2.1	•6						100.0	5.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD:

PERIOD OF RECORD: 53-62 MONTH: OCT HOURS(LST): 1580-1700 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION 7-10 MEAN TETAL IDEGREESI WIND . • 5 1.6 4.1 NNE 1.1 . 4 2.3 4.4 NE ENE . 8 Ε ESE 3.0 7.0 SE 4.1 1.3 10.3 7.6 SSE 1.9 1.0 9.4 6,3 S . 3 4.9 SSW 1.0 .5 1.5 3.6 WSW .9 1.4 4.1 3.0 KNW 1.6 . 9

101ALS 100.0

TOTAL NUMBER OF OBSERVATIONS:

NNW

.6

• 3

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-55,57-62 MONTH: OC1 HOURS(LST1: 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 28-27 DIRECTION TCTAL MEAN WIND 34-40 41-47 48-55 GE 56 IDEGPEESI 3.0 . 1 NNE • 1 . 1 . 3 3.6 NE . 3 • 3 • 5 3.5 ENE • 3 • 5 . 8 3.7 E • 5 . 1 3.8 1.1 ESE 1.3 . 9 6.5 SE . 7 1.9 • 5 5.9 6.8 SSE . 9 2.0 . 7 4.0 7.7 7.3 S 2.6 1.6 • 3 5,5 1.6 6.1 . 7 . 7 SSH 1.8 7.5 SW . 1 1.2 2.7 3,6 WSW 2.4 • 8 . 8 . 5 • 1 • 3 5.0 6.3 1.1 w 10.7 8.2 2.8 2.4 • 1 25.4 WNW 5.4 5.9 13.1 Nu 2.6 1.9 5.0 4.2 NNW • 1 . 1 • 3 . 5 5.0 VARIABLE CALM TOTALS 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

SAPETAC IR WEATHER SEI	RVICE/HAC	:					HOURLY		10113				
TATION NUMBER	: 74734C	STATION	NAME:	WHITE SA	NDS HR	NM			PERIOD :	OF RECOR		-55,57-62 11: 2100-	
• • • • • • • • • • • • •	• • • • • • • •	••••••	•••••	• • • • • • • • •		NO COEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	••••••	•••••	•••••
DIRECTION   IDEGREES)	1-3	' 4-6	7-10		17-21	22- <sub>2</sub> 7	28-33	34-40			GE 56	TCTAL \$	ME AN Wind
N		- 4	.1		•••••	• • • • • • • • •	•••••	•••••	******	• • • • • • •	••••••	.,,	3.5
NNE		• 1										•1	5 • C
NE	. •		.1									•5	4 . C
ENE			.4									.4	9.0
E	, 7	1.2	.3									2.2	***
ESE	. 8	1.6	.5									, 3.0	4 <b>.</b> e
SE	. 9	1 - 3	1.8	• 1								4.2	6.5
SSE	.8	2.2	1.3	. 5	.4	•						5.3	7.7
s	. 8	. 9	.5	. •								2.7	5.e
SSW	1 • 3	. 3	.1	. 3								2.0	4.5
Sw	. 7	. 9	.1	. 5		•1						2.4	7.1
<b>LSW</b>	1 • 5	1.5	.4	. 7	•3	3						4.7	6.8
u į	7.7	11.5	4.3	2.7	• 3	1						26.6	5.7
LNU	5.4	7.4	1.6	1.1	• 1							15.7	4.9
NW	2.7	3 • 4	. 3	. 1								6.5	4.2
NNE I	1 - 1	.1										1.2	2.7
VARIABLE !	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	••••••	•••••	•••••	•••••	•••••	••••••	
CALM	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,	///////	,,,,,,,	,,,,,,,	21.6	11111
TOTALS	25.2	32.9	12.4	6.5	1.1	3						100.0	4.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

PEPIOD OF RECORD: 53-62 MONTH: OCT HOURS(LST):

ALL

19.6

5.0

6.2

٩. ٥

AIR WEATHER SERVICE/MAC

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

3.5

1.6

•6

2.1

. 7

. 2

. 0

• 5

. 1

WIND SPEED IN KNOTS 17-21 22-<sub>2</sub>7 28-33 DIRECTION I 7-10 TOTAL (DEGREES) WIND . 0 4.1 NNE • 2 . 0 • 5 1.2 4.6 NF ٠,9 • 7 . 2 . 1 1.9 ENE . 8 • 5 • 3 4.2 E . 0 4.2 ESE 1.C • 2 1 • 2 SE 2.3 .0 1.4 6.3 6.5 SSE 2.1 . 1 .0 1. 3 . 5 • ၁ 1.1 ٠0 1.2 4.4 6.2 SSW . 1 • 3 . 4 . 2 .0 .0 1.6 . 7 • 3 - 1 •0 2.3 WSW . 7 . 6 . 2 .0 3.6

• 2

•.0

• 0

TOTAL NUMBER OF OBSERVATIONS: 6345

NAM

3.4

...

2.2

## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SHEED FROM HOURLY OBSERVATIONS

TATION NUMBER	: 74734C	STATION	NAME:						HONTH:	-•	HOURS (LS	-62 1): 0030-	0200
• • • • • • • • • • • • • • • • • • •	••••••	••••••	•••••	• • • • • • • • • •	u I	ND SPEED	IN KNOT		• • • • • • • • •	• • • • • • •	••••••	•••••	******
DIRECTION   (DEGREES)	1~3	4-6	7-10		17-21	_			41-47	48-55	GE 56	TCTAL B	MEAN
N 1	1.1	1.4	.1	• • • • • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	••••••	2.6	*•1
NNE I													
i	. 4	• •	.4	. 1								1.4	5.4
NE !	. •1	• 1	. 3									.5	6.0
ENE	• 1	- 1										• 3	3.5
Ε	. 4	• 1	• 3									. 8	4.7
ESE	.1	• 1	.4									1.2	4.5
SE	. 5	1.0										1.5	3,6
SSE	1 - 1	1.5	.8	. 5								4.0	6 <b>.</b> C
s	1 • 2	• 8	.5	. 3	. 1							3.0	5.7
SSW		. 4			- 1							• 5	7, e
Sia	• 3	• 3										• 5	3.5
wsw	1.4	• 4	• 3	. 7	. 7	•1	. 3					3.8	11.0
	9.1	6 • 8	2.5	4.9	1.1	.4	. 3					25.1	7.2
KNN	8,4	8 • 6	1.8	1.0	. 3							20.0	4.7
NW .	2.3	3 • 4	1.4	. 7								7.8	5.3
RNU	2 • C	1.5	•1	. 4								4.1	4,7
VARIABLE !	••••••	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	••••••	•••••	•
CALP	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	22.9	/////
TOTALS !	29. 3	27.5	8 • 9	8.6	2 . 3	•5	5					100.0	4.6

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

ION NUMBER:		SIRILUN	NAME:						MONTH:	OF RECOR	HOURS (LS	-62 11: 0300-	05 00
IRECTION   IDEGREES)	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	IN KNOTS		41-47	48-55	GE 56	TCTAL B	MEAN
* 1	1.1	1.1	•••••	• • • • • • • • •	••••••	•••••	** * * * * * * * *	•••••	• • • • • • • •		••••••	2.2	3.4
NNE	• 1	• 1	-1									.4	5.0
NE !	.4	. 3	. 3									1.0	5,1
ENE	. 3	• 1										.4	3.0
E	. 5	.4	• 1									1.1	3.9
ESE	• 3	• 1	• 1	• 1								.7	6.4
SE	.7	• 3	.5	• 1								1.6	6.2
388	. 7	• 8	1.0	- 1								2.6	6.3
s i	1 • 2	• 7	. 4									2 • 3	4.5
SSW	٠ ١	• 1	-1									. •	6.0
SW I	. 8	• 3	• 1									1.2	3.4
WSW	. 7	• 3	•5	1.2	•5	•1	•1	• 3	ı			3.6	13.7
w j	9.[	9.9	1.8	3.4	.8	1.1	• 3	• 1				26.4	6.9
uNu j	6.4	4 • 8	1.0	1.4	• 3							13.7	5.0
NW i	4.6	4 • 2	1.2	. 7	• 3							11.0	4,9
NNW I	. 8	1.1										1.9	4.1
VARIABLE	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • •	•••••	•••••	••••••	• • • • • •	•••••	••••••	•••••	• • • • • • • •	••••••
CALM j	,,,,,,,,	11111111	,,,,,,	,,,,,,,,	//////	///////	,,,,,,,,	,,,,,,	11111111	,,,,,,,	,,,,,,,,	29.3	,,,,,
TOTALS	27,8	24 • 6	7.3	7.1	1.9	1.2	.4	. 4	1			100.0	4.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

WHITE SANDS HR NM PERIOD OF RECORD: MONTH: NOV HOURS (LST): 0600-0800 WIND SPEED IN KNOTS 11-16 17-21 22-<sub>2</sub>7 28-33 34-40 DIPECTION 7-10 48-55 GE 56 TETAL MEAN IDEGREES! 1 WIND 2.5 NNE . 5 . 4 . 3 5.4 NE . 3 4.2 • 7 ENE E 1.0 . 4 . 1 2.0 5.0 ESE 1.0 . 1 .5 1.6 4.4 SE 1.9 .5 4.2 4.1 SSE . 1 1.6 - 1 3.1 1 . 2 S 3.0 6.3 S₩ . 1 8. 1 . 3 WSW 1.4 • 3 -1 7.1 8.5 20.9 7.5 5 . 7 2.6 • 7 WNW 4.4 . 8 • 3 8.7 5 . C . 7 NE 2.0 2.5 1.1 6.3 5.5 HNE . 1 VARIABLE CALM 37.7 ///// 100.0 3.6

TOTAL NUMBER OF OBSERVATIONS: 732

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

LION NAMBER:	: 74734C	STATION	NAME:	WHITE SA	NDS HR N	M			PEPIOD (	OF RECOR		-62 TI: D900-	1100
************	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •		n speen	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	•••••
DIRECTION   IDEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	-		GE 56	TOTAL	MEAN
N ]	1.1		•••••	. 1	• • • • • • •	•••••	•••••	• • • • • •	••••••	••••••	••••••	2.0	*.c
NNE	1.2	• 7	.4	. 4								2.7	5.8
NE	2.2	1 • 8	1.1	. 5	•1							5.7	5.7
ENE	2.6	3 • 1	•1									5.9	3.5
E	6.0	4 - 4	.5	- 1								11.0	3.5
ESE	3.€.	2.9	.8	. • 3								6.9	4.5
SE	3.9	3 • 4	1.8	.4								9.5	4,6
SSE	1 • 2	2 • 0	•8	• 5								4.6	5.7
s	. 4	• 7	.1	• 1								1.4	5.3
SSW	• 1			. 3								.4	9.3
SW .		• 3	• 3	• 1								.7	8.4
WSW	• 1	• 3	• 3	.4	1.2							2.3	14.3
. i	1.0	• 5	1.5	3. 1	1.9	.4						8.4	12.9
unu	• 1	. 4	1.2	2.0								3.8	10.6
NU I	. 4	•1	1.0	. 8								2.3	6.9
NNN		1.1	.7	. 7								2.4	8.C
VARIABLE	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	••••••	•••••	•••••	•••••	•••••
i i	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,	,,,,,,,	///////		,,,,,,	////////	///////	,,,,,,,,	29.8	,,,,,,
TOTALS I	23.4	22 • 4	10.6	10.1	3.3	.4						100.6	4.6

TOTAL NUMBER OF OBSERVATIONS:

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 DOP1-1128: POP HOURS (LT): 1730-1400 PERIOD OF RECORD: WIND SPEED IN KNOTS 1-16 17-21 22-27 28-33 DIRECTION ! 34-40 TETAL MEAN 11-16 GE 56 (DEGREES) HIND 4,2 1.0 • 5 . 7 NNE 1.2 . 3 . 1 2.3 5.2 NE 1.6 2.2 1.1 2.3 .5 5.1 4. 2 ENE 2.2 Ε 3.0 7.8 3.9 4 • 2 • 5 C SE 2.3 3 . 4 . 8 . 3 6.8 4.7 10.8 5.7 SE 2.5 1.8 1.0 SSE 1.6 . 1 6.6 2 • 2 . 8 1.0 . 6 . 3 . 3 3.1 6.9 . 3 • 5 . 7 . 5 . 3 4.2 1.0 • 5 • 1 . . 1.1 1.2 4.1 10.6 • 7 1.2 2.3 3. 1 1.5 1.0 9.4 12.5 • 3 2.2 . 4 UNU . 3 • 5 1.9 19.4 • 5 1.9 1.5 . 1 4.5 9.3 NW NNW • 5 2.0 7.5 VARIABLE CALM 21.2 ///// 100.0

TOTAL NUMBER OF OBSERVATIONS:

PLRCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62

MONTH: NOV HOURS(LST): 1500-1700

LIND SPEED IN MNOTS

7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 6E 54 DIRECTION | 1-3

N	.5	. 7	•8	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • • •	••••••••••	2.1	5.6
RNE	.5	. 4	.4		• 3				1.6	7.5
NE	1 1-1	1.2	.8						3.2	4.8
	1									
FNE	1.0	• 5							1.5	3.1
E	2.6	1 - 4	• 5					•	4.5	3.9
ESE	1.2	1.6	1.0	• 3					4.1	5,6
\$E	1.6	2 • 7	. 2.5	. 3					7.1	5.8
SSE	1.2	2 • 7	1.4	. 4					5.8	5.7
s	1.9	1 • 6	1.4	. 8	• 1				5.9	6, 3
SSH	1.1	• 5	. 3	. 3			-1		2.3	6.4
Sw	1.1	• 7	•7	• 1	. 1	•1			2.9	7.0
WSW	1.4	• 8	•5	1.1		.4			4.3	8,6
a	6.6	2 • 3	3.0	3.0	1.5	1+1	. 3		17.9	8,9
WNW	1.5	1 • 6	1.6	. 4	. 1	•5			6.0	8.C
NW	1 • 2	1 • 6	1.5	. 3					4.7	6.1
NNU	-1-1	• 9	.4	• 1					2.5	4.6
VARIABLE	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•
CALM	  ///////////////////////////////////	,,,,,,,	,,,,,,,	,,,,,,,,	11111111	,,,,,,,,	,,,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//// 23.6	,,,,,,
TOTALS	25.2	21 • 6	17.G	7.1	2.2	2.2	.4		100.0	5.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-55,57-62

MONTH: NOV HOURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-<sub>2</sub>7 28-33 34-40 DIRECTION ME AN MIND COEGREES) | N 4.8 • 6 . 1 . 1 . 1 5.C NNE . 1 2.5 NE .6 ENE . 1 • 6 3.0 ٤ • ! . 3 . 7 5.2 • 1 7.5 FSE 1.6 . 3 • 3 • 6 . 3 6.1 1.2 SE . 7 1.6 2.1 6.8 SSE • 6 . 7 . 3 2.7 5.7 s 1.G 1.0 • 6 . 3 . 1 . 7 4.4 SSW . 1 2.2 Sk . 6 • 7 . 4 . 1 . 1 8.3 . 9 1.2 1.0 • 1 4.3 10.4 13.2 3.0 3.4 1.8 1.8 35.9 6.6 7.3 1.3 . 6 6.8 NW 1.8 3.3 .7 . 6 6.1 . 1 NNN CALM 7. C - 1

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-55,57-62

MONTH: NOV HOURS(LST): 2100-2300

1					المير	NO SPEED	TH KNOTS						
PECTION DEGR <sub>e</sub> si	:-3	4-6	7-10	11-16		22-27	26-33		41-47	48-55	GE 56	TOTAL	ME AN WIND
N .	, é	- 4				•••••	••••••	•••••	• • • • • • • • •			1.0	3,6
NNE	.4		. 3									.7	4.6
NE I	. 3		.1									.4	4.2
ENE !	• 3		. 3									.6	5.0
E !	. 4	• ?	.1									.9	3.7
ESE !	. 6	. 9										1.5	3,7
SE	• 1	. 9	.9	. 4								2.4	7,3
SSE	. 4	1.6	.9	. 3								3.2	6,5
s	.6	1.2	.4									2.2	4.9
SSW				. 1								.1	13.0
Su !	.6	• 6	.6	• 3	- 1							2.2	7,7
HSW .	1 • 2	.4	.4	1.3	•1							3.5	8,4
w [	9.3	10.9	3.5	3.5	1.6	.9						29.8	6.8
unu !	5.9	9.0	2.5	1.9	• 3	.1						19.8	5.6
Nu !	2.4	5 • 6	1.6	. 1								9.7	5.C
NNW !	1 • 2	• 3	.6	. 1								2.2	5.0
PRIABLE	••••••			• • • • • •	•••••	•••••	•••••	•••••	••••••	•••••	•••••	•••••	•••••
1	///////////////////////////////////////	,,,,,,,,	1111111		,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	19.6	,,,,,,
OTALS I	24.3	32 • 2	12.4	8.3								100.0	4.5
V	47.3	36 . 5		0. 3									

#### PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED From Hourly Observations

STATION NUMBER	R': 747343	STATION	NAME:	WHITE SA	NGS HR N	M			PERIOD MONTH:	OF RECOR	D: 53 HOURS(LS	-62 1): ALI	L
UIRECTION IDEGREESI		4~6	7-10			O SPEED	IN KNOTS 28-33	i	41-47	48-55	GE 56	TCTAL 3	ME AN
N		. 9	.2		• • • • • • •	••••••	••••••	• • • • • •	•••••	••••••		1.9	4.1
NNE	.5	. 4	. 3	- 1	.0							1.4	5.7
NE	. 5	• 9	.5	. 1	.0							2.3	5.2
ENE	.5	• 8	-1									1.8	3.7
£	1 1.8	1.5	.4	• 0								3.7	3.5
ESE	1 . 2	1 • 2	.7	• 2								3.2	5.1
SE	1 1.5	2 • 2	1.1	. 3								5.2	5.4
SSE	1.1	1.5	1.1	. 3								4.0	5.8
s	1.1	. 9	.6	• 2	.1							3.0	5,6
SSW	1 .2	• 3	•2	. 1	.0		•8					.9	6.1
S =i	.6	. 4	. 3	• 2	.1	•0						1.5	6.6
252	.9	• 5	.6	. 9	• 5	•2	.1	•0	1			3.6	10.5
<b>u</b>	1 1 7.5	6 • 2	2.3	3. 4	1.5	1.0	.1	.0	)			21.5	7.6
LNU	1 4.2	4 - 3	1.5	1. 3	. 3	-1						11.6	5.4
NW	1 1.9	2 • 6	1.3	. 7	.1		•0					6.6	5.9
NNW .	1	. 9	. 3	. 3								2.4	5,4
VARIABLE	!	•••••	•••••	• • • • • • • • •	• • • • • • •	•••••	••••••	•••••	•••••	•••••	•••••	•••••	•••••
CALM		,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	25.3	11111
TOTALS	25.7	25 • 3	11.5	8.1	2.4	1.3	•2	•1	ı			100.0	4.7
•••••	••••••		•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	•••••	•••••	•••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••

TOTAL NUMBER OF OBSERVATIONS: 5749

A Carlo Maria Carlo de La Carl

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

IION NUMBER	: 747349	STATION	NAME:						NONTH:			-62 11: 0000-	00 500
DIRECTION   IDEGR <sub>E</sub> S)	1-3	4-6	7-10		w10	ND SPEED	IN KNOTS 28-33			48-55	GE 56	TCTAL 3	MEAN MEAN
, n	, 6	. 6	.4	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	•••••	•••••	1.6	4, 7
PINE !	• 1	. 4	. 3									.9	5.7
NE !	.4	. 3	.4									1.1	5.0
ENE !		. 3							i i			. 5	4,5
	• 1	.1										. 3	4.0
ESE	• 1		.4									.6	6.5
SE	1.0	. 9	.4	. 3								2.6	5.3
ESE	. 3	i.1	1.6	1.6	•1							4.7	8.8
s i	1 • 3	. 9	. 3	. 6								3.0	٥. ٥
SSW	1 - 1	.1		. 1								1.4	3,7
Sw	.6	.4	. 3				.1					1.4	7.1
HSW	1 • 3	• 7	.1	. •	.4	.4	• 3					3.7	10.4
u į	10.8	12.1	1.7	2.3	2.1	.4	)					29.5	6.C
NNW 1	5.1	5 • 4	1.6	1.0	.9	•3	;			-		14.3	6.2
Nu I	3.6	2 • 7	1.1	. 1								7.6	4.5
PNU I	1.6	• 6	.4									2.6	3.7
VARIABLE	•••••	•••••	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	*******		• • • • • • • •	• • • • • • •	••••••	•••••	•
CALM	,,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,,	111111	,,,,,,,,	,,,,,,,	,,,,,,,	24.5	,,,,,,
TOTALS	28.1	26 • 7	9.1	6.4	3.6	1.1						100.0	4.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

1

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62
MONTH: DEC HOURS(LST): 0300-0500

•••••		• • • • • • • •	•••••	•••••		n seffn	IN KNOTS	•••••	••••••		•••••		•••••
LIPECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME A N W I N D
N	1.1	1.9		•••••	• • • • • • •	•••••	••••••	•••••	• • • • • • •	•••••	•••••	2.8	4.7
NNE	1 .7	. 1	.1									1.0	3.3
NŁ.	1	. 1										.4	3. 3
ENE	1 .3	. 1	. 3									.7	5.4
E	1 .4											.4	5.0
C S E	1 .7		.4									1.1	4.6
St	1 . 3	• 6	.1									1.0	4.6
SSE	1 1.1	1.6	1.3	1.1	.1							5.3	7.1
s	1 1.1	1.0	.6		. 1	-						2.6	5.2
SSW		. 4	. 1	. 1								1.0	6.1
Sw	1	• 3	.3		.1	•1						1.4	8.0
WSW	 	. 4	. 3	. 3	• 1	.4		.1				3.4	8.5
u	   10.8	9.6	1.8	2.1	1.6	.7	. 3					27.1	6.3
KNW	l   5.7	4 • 9	2.4	. 7		•1						13.4	5.1
NW	{ 	2.4	1.4	. 1								7.0	4.7
Nha	l .3	• 1	.4	. 3								1.1	6.6
•••••	l ••••••••								•••••	• • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •
VARIABLE	 												
CALH		'''''	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,	,,,,,,,	• • • • • • • • • • • • • • • • • • • •	,,,,,,,	29.5	11111
TOTALS	28.4	22 • 9	10.4	4.8	2 • 1	1.4	. 3	. 1				100.0	4.1
•••••		• • • • • •	•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	•••••	•

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME:

PERIOD OF RECORD: 53-62
HONTH: DEC HOURS(LST): 0600-0800 WIND SPEED IN KNOTS 17-21 22-27 28-33 DIRECTION ME AN UIND TCTAL IDLGREESI I . 1 . 3 N 2.1 1 - 1 3.6 4.0 . 3 KNE 1.0 5.0 • 3 3.5 NE • 3 . 1 1.0 ENE . 7 3.2 £. . 6 . 1 E SE 1.0 . 3 . 8 4.3 .7 4.3 SE 1.5 • 7 SSE i.8 • 7 .7 . 8 6.0 5.4 s • 1 • 1 . 3 • 1 8.5 SSwi - 1 . 1 7.7 SW . 2 . 3 1.0 • 3 1.0 . 3 7.8 1+1 9.7 2.5 4.6 2 . 6 6.2 LNw 2 • 1 1.5 . 8 . 1 NH NNH CALM . 3 TOTALS 1.0

GLOBAL CLIMATOLOGY BRANCH ESAFETAC

## PERCENTAGE FHEOUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AIR SEATHER SERVICE/HAC

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PEPIOD OF RECORD: PRD: 53-62 HOURS(LSTI: 0900-1100 MONTH: DEC WIND SPEED IN KNOTS

DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN IDEGREES) | MIND N 5. C ANE , 9 . 3 .4 . 1 1.7 5.5 NE 2.7 1.9 4.9 6.2 ENE 2.0 3.2 3.7 E 5.1 .5 2 • 5 8.2 3.3 ESE 3.1 2.7 . 5 . 3 SE 4.3 2.9 1.3 9.0 4.6 1.9 SSE 1.6 . 5 . 8 . 5 . 9 . 3 S . 1 5.1 . : SSU • 3 . 1 . 1 7.C . 1 . 1 . 3 14. 1 +SW . 3 . 5 . 8 . 1 . I 11.7 . 5 • 8 2.C 2.1 . 8 . 3 • 1 6.7 11.8 . 7 1.7 4.4 9,9 . 9 • 5 . 1 9,3 VARIABLE | CALM

TOTAL MUMBER OF ORSERVATIONS . THE

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

*******	• • • • • • • • •	• • • • • • •	••••••	• • • • • • • • •			• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
IRECTION   DEGREES	1-3	4-6	7-10		17-21		IN KNOTS 28-33		41-47	48-55	GE 56	TOTAL *	MEAN
N .	1,5		.4	• • • • • • • •	• • • • • • •	•••••	••••••		******	••••••		2.3	3, 9
NNE	1.5	1.1	• 3			.1						3.0	4.4
NE I	1.5	1.3	•5	. 4								3.8	5.2
ENE	3.2	1.2	.7									5.1	3,7
E	5.7	3.9	. 3									9.9	3.3
ESE	4.0	2 • 6	1.3									8.0	4.1
SE	2.7	3 • 2	• 8	. 3								7.0	4.7
SSE	2.0	2 • 3	1.5	. 1								5.9	5.2
s į	1.3	1.1	.7	. 7								3.8	5.8
224	. 1	•1	-1	. 1								.5	8.C
SW	• 1	• 1	.9	. 3	•1	•1						1.8	10.4
usu	. 3	• 5	.5	1.2	•5	•3						3.4	12.3
	. 5	1 • 1	2 • 6	2.7	1.1	.8	• 3	-1	-1			9.3	13.5
uNu	. 1	. 4	1.8	1.9		.3						4.5	10.7
NE I		.4	. 2.7	1.1							•	4.2	9.4
NNN		• 8	• 5	. 5		.1					•	2.0	9.1
VARIABLE	•	••••••	*******	•••••	• • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	••••••	•••••	•••••
CALM .	,,,,,,,,,,	,,,,,,,	,,,,,,,	///////////////////////////////////////	111111	,,,,,,,	,,,,,,,,	,,,,,,	1111111	,,,,,,,	,,,,,,,	25.6	/////
TOTALS	24.7	20 . 6	15.7	9.3	1.8	1.8	. 3	.1	1			100.0	5.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HE NM

PERIOD OF RECORD: 53-62
MONTH: DEC HOURS(LST): 1500-1700

Diffection   1-3    4-6    7-10    11-16    17-21    22-27    28-33    34-40    41-47    48-55    GE 56    1014    Met	•••••	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • • • •	••••		ND SPEED	IN KNOT		• • • • • • • •	•••••	•••••	• • • • • • • •	•••••
NNE			4 -Ł	7-10	11-16					41-47	48-55	GE 56		MEAN
NE       1.7       1.3       .6       .4         ENE       .4       1.5       .1       1.8         L       2.7       1.5       .6       4.8       3         FSE       1.3       1.3       .4       .1       3.1       4         SE       3.0       3.2       .4       .3       6.9       6         SSE       1.8       1.8       .6       .1       .4       4.8       5         SSE       2.5       1.3       .4       .1       .3       4.6       6         SSW       .6       .8       .3       .1       1.8       6       6         SSW       1.7       1.1       .4       .1       3.4       9       3.4       9         SSW       1.7       1.1       1.5       .6       .4       5.4       1       1.8       6       .4       1       1.8       1.5       1       1.8       1.5       1.7       .1       1.5       1.8       .1       1.5       1.8       .1       1.8       .1       1.8       .2       .1       1.8       .2       .1       1.8       .3       .1       1.8       .3	N	1,3	. 7	.3	. 1	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	••••••	•••••	2.4	4,5
ENE	NRE	.8	• 4	1.0	• 3	• 3							2.8	7.7
E 2.7 1.5 .6 4.8 1  FSE 1.3 1.3 .4 .1 3.1 4  SE 3.C 3.2 .4 .3 6.9 6  SSC 1.8 1.8 1.8 .6 .1 .4 4.8 5  S 2.5 1.3 .4 .1 .3 4.6 4  SSW .6 .8 .3 .1 1.8 6  SW 1.7 1.1 4.4 .1 3.4 5  W 4.8 3.9 3.0 1.3 1.1 .8 .1 15.1 5  WNW 2.4 2.1 2.1 .8 .6 .1 8.2  NW 1.8 1.3 1.5 .7 .1 5.5 6  NNW .4 .9 .3 .3 .3 1.8 5.5 6	NE	1.7	1 • 3	.6	. 4								3.9	5.1
FSE	ENE	.4	1.5	•1									1.8	4.3
SE	Ĺ	2.7	1.5	•6									4.8	3.8
SE 1.8 1.8 .6 .1 .4 4.8 5  S 2.5 1.3 .4 .1 .3 4.6 5  SSW .6 .8 .3 .1 1.8 6  SW .1.7 1.1 .4 .1 3.4 .1 3.4 5  WHATABLE CALM .7	FSE	1 . 3	1.3	.4	. 1								3.1	4.5
S	SE	3.c	3 • 2	.4	. 3								6.9	4.4
55M	SSE	1.8	1 • g	.6	• 1	.4							4.8	5.4
SM 1.7 1.1 .4 .1 3.4 5  MSM 1.C .7 1.1 1.5 .6 .4  W 1.8 3.9 3.0 1.3 1.1 .8 .1 15.1  MNM 2.4 2.1 2.1 .8 .6 .1 8.2  NW 1.8 1.3 1.5 .7 .1 5.5  NNW .4 .8 .3 .3 .3 1.6 .9  VARIABLE CALM 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	s	2,5	1 • 3	. 4	• 1	. 3							4.6	4 , 8
WSH 1.C .7 1.1 1.5 .6 .4 5.4 10  W 4.8 3.9 3.0 1.3 1.1 .8 .1 15.1 5.1  WNH 2.4 2.1 2.1 .8 .6 .1 8.2  NW 1.8 1.3 1.5 .7 .1 5.5 6  NNH .4 .8 .3 .3 .3 1.8 .5 .7 .1 2.1 .8 .6 .1	SSW	. 6	• a	. 3		- 1							1.8	6.1
W   4.8 3.9 3.0 1.3 1.1 .8 .1 15.1 15.1 15.1 15.1 15.1 15.1	SW	1.7	1.1		. 4		.1						3.4	5.3
NNW   2.4 2.1 2.1 .8 .6 .1 8.2 1	FZH	1.0	• 7	1.1	1.5	.6	.4						5.4	10.4
NH 1.8 1.3 1.5 .7 .1 5.5 MNH .4 .8 .3 .3 1.6 5.5 G	W	4.8	3.9	3.0	1.3	1.1	.8		. 1				15.1	7.9
NNW	FUR	2,4	2 • 1	2.1	. 8	•6	. 1						8.2	7.3
VARIABLE	Nw	1.8	1.3	1.5	. 7	.1							5.5	6.3
CALH	NNW	.4	• 9	. 3	. 3								1.8	5.0
CALH	VAR1ABLE	· 	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	••••••	••••••	• • • • • • •	•••••	•••••	• • • • • • • • •	•••••
1	CALM	  /////////	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	,,,,,,,,	///////	///////	,,,,,,,	,,,,,,,	,,,,,,,,,	23.7	111111
TOTALS   28.2 23.7 12.7 6.6 3.5 1.5 .1 .1 .1 100.0	TOTALS	! ! 28.;	23 • 7	12.7	6.6	3.5	1.5		•1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS:

710

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS, MR NM

PERIOD OF RECORD: 53-55,57-62
MONTH: DEC HOURS(LSTI: 1800-2000

RECTION DEGREES 1	1-3	4-6	7-16	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TGTAL 1	ME A N W 1 N D
N [	. 6	• 2	. 3	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	•••••	•••••	••••••	1.1	4.7
NNE .	• 2	• 3	. 5	• 2		•2						1.3	9.6
NE	• 2	• 2										. 3	3.5
ENE	• 2	• 3										.5	3.7
Ε	. 3	• 6	. 3									1.3	5.4
ESE	• 3	• 5	. 5									1.3	5,6
SE .	. 8	• 6	•2	• 2								1.8	4.6
SSE	.6	• 6	1.4	• 5								3.2	7.2
s	. 5	. 3	•2	. 5								1.5	7.2
SSW	. 6	• 3	. 3	• 3								1.6	6,5
Su	1.0	• 2	1.0	. 3	. 3							2.7	8.2
WSW	2.1	• ?	.6	. 3	1.0	•5						4.8	9.6
•	14.6	12 • 5	2.4	2.7	2.2	1.4						35.9	6.3
unu i	. 7,5	5 • 1	1.4	. 8	•2							15.1	٠.5
NW	3,0	2 • 1	1.9	. 5	•2							7.7	5.7
NNW I	• 2	1.0	•2	• 2								1.6	5,7
ARIABLE	••••••	•••••	*****	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		••••••	• • • • • • • •	•••••	•••••
ALP	,,,,,,,,,	,,,,,,	1111111	////////	///////	111111	,,,,,,,,	,,,,,,	,,,,,,,	1111111	,,,,,,,,	18.4	,,,,,,
OTALS	32.5	25 • 2	11.2	6.4	3.8	2.1						100.0	5.0

PERLENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-55,57-62 MONTH: DEC HOURS(LST): 2100-2300

•••••	1	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • •	NO SPEED	IN KNOTS		•••••	• • • • • • • •	•••••	• • • • • • • • •	
OIPECTION ODEGR <sub>E</sub> EST		4 -6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	ME AN Wind
Ň	.5	. 8	•6	. 2	• • • • • • •	••••	•••••	•••••	• • • • • • • •	••••••	•••••	2.1	5.5
NNE	.5	• ?	.2	• 2	•2							1.3	7.3
NE	.5	• 3	• 3									1.6	4.9
ENE	. 6	• 3										1.0	3.3
Ĺ		• 5	•2									.6	5.5
ESE	•	. 7										. 3	5.5
SE	.6	• 5	• 5									1.6	4.8
SSE	1.0	• c	1.8	1.0								4.1	7.8
\$	1.4	• 6	.5									2.5	3.9
5 S W	1.5	. 3	• 2		• 2							1.6	4.7
Sw	• 3	• 3	• 3	• 2	• 3							1.4	9.2
ыSы	1.6	• 6	.6	1.4	. 3	• 2						4.9	8.7
•	12.7	12 • 1	2.2	1.6	1.8	1.1	. 3					31.8	6.C
LNU	4.c	5 • 3	1.4	1.4	•2							12.3	5.8
Nis	4.5	3.0	. 8	. 8								9.1	4.8
NRsi	1+3	• 6	.8	• 2								2.9	5 • C
VAHIABLE		• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	••••••	•••••	•••••	•••••	• • • • • • • •	
CALM		,,,,,,,	,,,,,,,	,,,,,,,,	//////	,,,,,,,	,,,,,,,,	,,,,,,,	11111111	,,,,,,,,	,,,,,,,,	20.9	111111
TOTALS	3n.e	26.9	10.4	6.8	2.9	1.3	. 3					100.0	4.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

ATION NUMBER:	: 747340	STATION	NAME:	WHITE SA	NDS MR NE	1			PERIOD Month:	OF RECOI	RD: 53 Hours(LS	-62 TJ: ALI	L
DIPECTION   IDEGREES)	1-3	4-6	7-10	11-16	uIN( 17-21		IN KNOTS 28-33		41-47	48-55	GE 56	TCTAL 2	ME AN
N [	1.1	. 7	.4	. 1		· • • • • • •	•••••	• • • • • •	• • • • • • • •	••••••	••••••	2.2	4.6
NNE	. 6	. 4	.4	. 1	•1	•0						1.6	6.0
NE !	1.0	• 8	.4	• 2								2.4	4.9
ENE	. 9	• 6	• 2	• 6								1.7	3.8
E	2.5	1 • 2	. 3									3.5	3.6
ESE	1 • 4	1 - 1	• 5	• 1								3.0	4.3
SE	1 • 9	1.6	6	• 2								4.2	4.6
SSE	1 • 3	1 • 3	1.1	• 6	.1							4.6	6.5
s į	1 • 3	• 8	.4	. 3	•1	.0						2.8	5.3
SSW ]	. 5	• 3	.1	. 1	•1							1.1	5.9
Su	.6	• 3	•3	• 2	-1	.1	• 0					1.7	7.9
WSW I	1 - 1	• 5	•6	• 8	.4	• 3	•0	•0	)			3.8	9,9
• į	7.8	7 • 1	2.1	2.2	1.4	.9	•1	• 1	0	•		21.6	7.c
NNS .	3.6	3 • 1	1.7	1.3	.3	.1						10.1	6, 1
NW I	2.2	1 • 7	1.4	• 5	•0	.0						5.9	5.7
NNW	. 1	• 5	.4	• 2		•0						1.8	5,7
VARIABLE	•	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		•••••	• • • • • •	•••••	••••••	• • • • • • • • •	••••••	•••••
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	11111111	111111	,,,,,,,,	,,,,,,	,,,,,,,,	1111111	,,,,,,,,	28.0	11111
TOTALS	27.9	22 • 1	11.0	6.8	2.5	1.3	. 2	. 1	0	1		100.0	4.4

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	7: 74734C	STATION	NAME :	AHITE SA	NOS MR NI	H			PERIOD MONTH:	OF RECOR	D: 53- Hours(LST		
	• • • • • • • • • •	••••••	•••••	• • • • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • • •	• • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION ( (DEGREES)	İ	4-6	7-1G	11-16	17-21	22-27	28-33		41-47	48-55	GE 56	TCTAL	MIND MEAN
N	. 9	1.0	.4	••••••	•0	.0	••••••	•••••	• • • • • • •	••••••	••••••	2.4	4.5
NNE	.5	• 6	. 3	. 1	•0	•3						1.5	5.3
NE.	, е	i • C	.5	• 1	•0	•0						2.4	5.3
ENE	. 6	• 7	•2	• 3	•0							1.6	4.5
E	1.6	1 - 8	.7	• 2	•0	•0	• C					4.3	4.8
ESE	1.0	1.4	.9	. 3	•0							3.6	5,6
SE	1+3	2 • 4	2.1	. 6	•0	•0						6.4	6.5
SSE	۶,	1.6	1.8	. 8	• 1	•0						5.2	7.3
s	1.5	1 • 5	1.2	.6	•1	•0						4.5	6.8
SSa	j .4	• 4	• 3	• 2	•0	. •0	• 0					1.4	7.1
Sw	.5	• 7	•5	. 4	•1	-1	• 0					2.3	a.c
wsw	.7	• 6	.9	1.0	.5	•2	-1	• 0	• 0	1		4.2	10.3
W	4.4	5 • 5	3.8	<b>4.</b> D	1.7	.9	• 2	• 0	.0	ı		20.5	8.5
L NE	2,5	3 • 1	2.6	1.5	.3	-1	• 0	•0	ı			9.6	7.0
Nu	1.7	2 • 2	1.4	. 6	•1	•0	• 0					6.1	6.2
· NNH	į .,	• 7	. 4	• 2	•0	•0						1.9	5.6
VARIABLE 1	· ·	•••••	•••••	• • • • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	•••••	•••••	•••••	•••••
CALM	,,,,,,,,,	1111111	1111111	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	22.2	11111
TOTALS	19.5	25 • 4	17.3	10.6	3 . t	1.3	. 3	. •0	•0	1		100.0	5.6
				• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	•••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: ALL HOURS(LST):

CEILINGS 200 TO 1400 FLET WITH VISIBILITIES 1/2 MILE OR MORE AND/OR CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

1					wII	ND SPEED	IN KNOTS	i					
DEGREES)	1-3	4 -6	7-10	11-16	17-21	22-27	2g-33	34-40	41-47	46-55	GE 56	TOTAL	MEAN WIND
N Į	1 • 1	• 6	.2	• • • • • • • • • • • • • • • • • • • •	1.2	•••••	•••••	••••••	•••••	••••		3.3	9.4
NNE	1 - 1	. 9		. 5	•2	.4						3.0	8.6
NE .	. 9	1.9	• 9	. 4		•5						4.2	6.6
ENE !	. 7	1.6	•5									2.8	4.3
	1.9	1 • 6	.9	. 4		•2						4.9	5.8
ESE	, 5	1.9	.9	. 5								4.2	6,5
SE	1.6	4.2	3.0	1.2		•2						10.2	7.0
SSE	1.9	1 - 8	3.2	2.6	.5							10.2	8.6
s	. 9	1.2	.7	. 5	.4	•2						3.9	8.2
ss≓	. 4	• ?	.4	. 9						•		1.8	9.9
Sh !	. 4		. 2	. 4	•2							1.1	10 · C
ESH	. 4	• 2	•2	. 5	.4	5	•2	•2	•2			2.6	19.1
	1.4	1.1	1.4	3. 3	3.7	3.5	.9	.4	• 2			15.8	16.5
unu l	. 4			. 5	2.1	1.6	. 2	• 2				4.9	19.6
NN I	. 5	.4	.7	. 7	•2							2.5	9.2
KNL !		. 4	•2	. 2	•2							.9	10.2
1	•••••	•••••					· · · · · · · · · · · ·	• • • • • •		•••••	• • • • • • •		•••••
VARIABLE		*****										27.6	
CALM	111111111	,,,,,,,,	,,,,,,,,,	71111111	******	77777777	,,,,,,,,,,	,,,,,,,,	,,,,,,,,	*******			111111
TOTALS !	14.3	14 . 1	13.2	12.9	9.0	6.7	1.2	.7				100.0	8

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#### CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

#### CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL 10 OF GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTHLY AND ANNUALLY (ALL Y COMBINED).

#### NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, FONEVER SOME STATIONS REPORT MIGHER VALLES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. MOMEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK". ALL CEILINGS ABOVE 5007 FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

#### SHY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

CATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBILED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	•	9/10
OVERCAST	•	10/19
OPSCURED	-	10/19

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GLOBAL CLIMATOLOGY BRANCH

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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F.E.

100.0

100.0 100.0

100.0

AIR BEATHER SERVICE/MAC STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RELORD: 53-62 MAL : THOM HOURS ILST1: 0000-0200 VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 CE IL ING GE A GE GΕ FEET ! 3 2 1/2 10 1/2 5/16 NO CEIL | 80.0 80.3 80.3 9C.3 80.3 80.3 89.3 60.3 80.3 80.3 60.3 80.3 80.3 80.3 80.3 80.3 GE 200001 65.4 GE 180001 85.4 95.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 65.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 65.7 85.7 85.7 86.1 87.5 85.7 85.7 85.7 85.7 85.7 85.7 85.7 85.7 GE 160001 65.8 UE 140001 67.2 96.1 87.5 86.1 87.5 86.1 86.1 67.5 86 · 1 87 · 5 89 · 9 86.1 87.5 86 ·1 87 ·5 86.l 86.1 86.1 86.1 86.1 86.1 87.5 87.5 87.5 87.5 87.5 87.5 87.5 89.9 GE 120001 89.5 89.8 89.6 89.9 89.9 89.9 92.1 93.2 93.2 92.3 92.3 GE 100001 91.9 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 93.4 93.4 93.7 90001 92.9 8:301 92.9 93.2 93.2 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 70001 93.2 93.4 93.7 93.7 93.7 93.7 f.F 93.4 93.7 93.7 93.7 93.7 93.7 93.7 93.7 61.7 94.2 GΕ 6C001 93.8 94.5 94.5 94.5 94.5 94.5 94.5 50001 95.1 96.3 97.2 97.5 L٤ 96.0 96.3 96.3 96.3 96.3 96.0 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 97.2 97.5 97.5 97.9 GE 45001 95.6 96.9 97.3 96.9 97.2 97.2 97.5 97.2 97.5 97.2 97.2 97.5 97.2 97.2 97.2 97.5 97.2 97.2 97.5 97.2 97.5 97.5 GΕ 3500| 96.0 3000| 96.1 97.3 97.3 97.5 97.5 97.5 97.5 ĢΕ 97.4 97.4 97.7 97.7 97.7 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 2500| 96.1 2000| 96.5 1800| 96.5 97.4 98.1 98.1 98.1 97.7 98.3 98.3 97.9 98.6 98.6 98.7 GE GE 97.4 98.1 97.7 97·7 98·3 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.8 98.3 98.3 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.6 98.6 98.6 98.6 98 .6 98.6 98.6 98.6 ьE 98.1 98.3 98.6 98.6 98.5 98.5 98.5 98.7 98 .7 15001 96.5 úĘ 98.1 98.7 99.0 99.0 98.3 98 • 7 98.7 99.0 99.0 99.0 99.0 99.0 99.2 99.4 99.1 10001 56.6 98.7 99.0 99.1 98.3 98.3 99.1 99.4 99.5 99.1 99.4 99.5 99.1 99.4 99.5 99.1 99.4 99.5 98.7 99.0 99.0 99.1 6E 9001 96.6 98.7 96.7 99.1 99.1 EDG1 96.9 99.0 99.1 98.6 99.0 99.4 99.5 99.5 99.4 98.6 GΕ 98 . 7 99.1 99.1 99.4 GΕ 98.7 99.4 99.5 GE 98.7 99.4 98.7 99.1 5001 97.0 4001 97.0 3901 97.0 2001 97.0 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.5 99.5 99.5 99.6 99.6 99.6 99.6 99.7 99.6 99.6 99.6 99.7 99.6 99.6 99.6 99.7 99.6 99.6 99.6 99.7 99.6 98.7 98.7 98.8 99.2 99.2 99.6 99.6 99.2 99.6 99.6 99.7 99.2 99.6 99.6 GE 98.7 98.7 98 • 6 98 • 8 99.2 1001 97.6 99.6 98.7 98.8 99.7 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

01 97.0

6E

99.2

99.2

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747342 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 HONTH: JAN HOURS (LST): 0300-0500 VISIBILITY IN STATUTE MILES CE IL ING GE GE 3 2 1/2 GE GE GE 2 1 1/4 IN | GE FEET | 19 GE 1/2 GE 5/16 3/4 1/4 ۵. 6 1 5/A NO CEIL 1 77.7 17.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 GE 200301 82.2 GE 180001 82.2 GE 160001 82.9 82.6 82.6 83.3 82.6 82.5 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6 87.6 82.6 62.6 83.3 84.7 82.6 63.3 84.7 82.6 63.3 64.7 82.6 83.3 84.7 82.5 83.1 82.6 83.3 92.6 62.6 63.3 82.6 82.6 83.3 84.7 82.6 83.3 82.6 83.3 82.6 82.6 84.7 UE 140001 84.3 84.7 UF 120001 86.2 86.5 86.6 86.7 86.7 86.7 86.7 A6.1 96.7 86.7 30.2 90.5 93.6 90.6 90.9 91.4 90.6 90.9 91.4 90.6 90.9 91.4 99.6 99.9 91.4 90.6 90.9 91.4 90.6 90.9 91.4 90.6 GE 100001 90.0 90.5 90.6 90.6 90.6 90.6 90 .6 90001 90.2 90.7 91.2 91.2 90.9 90.9 91.4 91.4 90.9 90.9 91.4 90.9 91.4 91.4 6F 85001 40.7 70001 90.7 υE 91.C 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 ı.E 91.4 60001 92.5 93.2 94.9 95.4 96.3 94.9 95.4 96.3 94.9 95.4 96.3 94.9 95.4 94.3 94.9 95.4 96.3 94.9 95.4 96.3 50001 93.7 94.7 95.2 96.1 94.9 95.4 96.3 94.9 95.4 96.3 95.4 96.3 96.7 95.4 96.3 96.7 450C| 94.1 4C0C| 94.9 95.0 95.9 95.4 95.4 96.3 95.4 96.3 65 GΕ 96.7 LE 35301 95.2 96.3 96.5 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 97.2 97.3 97.4 úΕ 30001 95.6 96.8 97.4 97.6 98.3 98.3 97.4 96.2 98.2 97.6 98.3 98.3 97.6 98.3 98.3 98.5 97•4 98•2 98•2 97.6 98.3 98.3 97.6 97.6 66 25,001 95.6 96.9 97.3 97.4 97.6 98.3 97.6 97.6 97.6 98.3 98.3 98.5 2001 96.4 98.1 98.2 98.3 98.3 98.5 98 .3 98 .3 98.3 98.3 98.3 98.5 97.7 98.3 GE 15001 96.5 97.8 98.3 98.5 98.2 9A.7 ... 94.8 94.4 ... 99.0 99.1 99.1 98.3 99.5 98.8 98.8 98.8 99.6 99.0 99.0 99.0 GE 10001 96.7 97.9 99.0 99.0 99.0 99.0 99.0 99.0 99.1 9001 96.7 99.1 99.1 99.1 99.1 99.1 99.1 GE GE 78.1 99.1 99.2 99.5 98.1 98.5 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99.1 98.6 99.1 99.1 99.2 99.Z 99.2 99.2 C.F 73L1 96.8 78.2 99.1 99.2 99.4 GE 98.5 99.4 99.5 99.6 99.6 5001 97.0 99.4 99.5 99.5 99.4 99.5 94.5 99.5 99.6 99.6 99.5 99.6 99.6 99.5 99.5 99.5 98.8 99.4 99.5 99.6 99.6 GE 98.5 99.5 99.5 4001 97.2 3001 97.2 99.6 99.5 99.6 99.6 99.6 99.6 99.6 99.4 66 98.6 ĿΕ 98.6 99.6 2001 97.2 98.7 99.1 99.6 99.7 99.7 99.7 99.7 99.7 99,7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 u.F 10C1 97.2 98.7 99.1 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.9 GF 01 97.2 49.9 100.0 98.7 99.1 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.9 ..........

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### PLHCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERS:)S VISIBILITY FROM FOURLY OBSERVATIONS

						ON NAME:								: JAN	HOURS	(LSTI:		
CEI	LING	•••	••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	•••••		AT1 IT V	IN STATE			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••
			GΕ	GE	GE	GE	GE	GE	GE	GE	GE	6E	GE .	GE	Gε	GE.	GE	GE
-		i	.0		- 5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	· ·
		•			-										• • • • • •	•••••		
	••••	•••															•••••	
NO	LIBD	1 7	2.0	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.9
							-											
	20000			77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2	78.3
	19000			77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.2	76.3
	16:00			78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.5	79.6
	14000			81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.8
GE	12,00	1 6	4.0	94.2	4.2	84.5	84.5	84.5	84.5	84.5	84.5	94.5	84.5	84.5	84.5	84.5	84.7	84.9
										00 4								
	10000			88.2	68.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.8
LE GE	9000			89.1 93.1	89.1	89.3	89.3	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.3 90.4	89.6 90.6	89.7 90.6
GE		-		93.6	90.1	90.4 90.9	90.4		90.9	98.9	90.9	98.9	90.9	98.9	90.9	90.9	91.1	91.3
	7000 6000			92.0	90.6 92.0	92.4	90.9	96.9 92.4	92.4	92.4		92.4	92.4	92.4	92.4	92.4	92.7	92.8
¿٤		, ,	1.5	72.0	72.6	72.4	72.7	72.7	72 .4	74,4	92.4	7617	7217	72.7	76.4	72.4	76	72 10
٤E	5000	1 9	3.5	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.1
6E	4500			94.6	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95 •6
GE	4703			95.4	95.5	96	96.0	96.0	96.0	96.0	96 . C	96.0	96.0	96.0	96.0	96.0	96.3	96.4
CE	3560			96.4	96.5	97.6	97.3	97.6	97.0	97.0	97.0	97.0	97.Ž	97.2	97.2	97.2	97.4	97.6
GE	3030			96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	98.1	96 .2
												•						
GE	2500	1 9	5.6	97.0	97.3	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.9	97.9	97.9	97.9	98.2	98.3
ьE	5000	1 9	5.8	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	96.1	98.1	98.1	98.1	98.3	98 .5
υE	1670	1 9	5.8	97.3	97.6	98 - 1	98.1	96.1	98.1	98-1	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98 .6
Ú₽.	1500	1 9	5.8	97.3	97.6	98.1	98.1	98.1	99.1	99.1	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98 .6
CE	1200	1 9	5.8	97.3	97.6	98.1	98.1	96.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98.6
		_																
GE	1000			97.3	97.6	98.1	98.1	96.1	98 - 1	98.1	98.1	90.1	98.2	98.2	98.2	98.2	98.5	98 ,6
üΕ	9 30			97.3	97.6	98.1	98.1	98.1	98.1	98 · 1	98.1	98.1	98.2	98.2	98.2	98.2	98.5	98.6
ĿΕ	800			97.3	97.6	98.1	98.1	96.1	98.1	98.1	98.1	98 . 1	98.2	98.2	98.2	98.2	98.5	98 .6
GΕ	750			97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.6	98.7
GE	600	1 9	6.3	98.1	98.3	98.8	98.8	98.8	98.8	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.2	99.4
	<b>.</b>								_									
GE	503			98.2	98.5	99.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.5
UE.	400			98.2	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.5
υE	300	-		98.2	98.5	99.3	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.5
υE	200			98.5	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99,5	99.5	99.7	99.9
θE	100	1 9	6.5	98,5	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.9	100.0
GE	_							99.4	99.4	99.4		99.4	99.5	99.5	99.5	99.5	99.9	100.0
		-	6.5	98.5	98.7	99.2	99.4	77,4	77.4	77.4	99.4	77.4	77.5	77.3	77.3	77.3	77,7	
•••	• • • • •	• • •	****	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • •		•••••	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •				

TOTAL NUMBER OF OBSERVATIONS:

779

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STA	TION I	WMBER:	74734C	STATE	ON NAME:	WHIT	E SANDS	HR NH				PERIOD MONTH	OF RELI		-6? (L51):	0900_11	00
	L ING	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • •	• • • • •	•• •••			IN STATE			• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••
		GE.	60	GE	GE	GE	GE	GE	GE	GE	GE	. GE	GE	GE	GE	6E	GE
FE			- 6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••		• • • • • • •			• • • • • • •								-			•	
		-														-	
NO	CEIL	70.9	71.0	71.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3
	100.30	77.1							77.3	,,,,			•••	** *	77 4	77 .	•• •
		77.2	77.3 77.4	77.3 77.4	77.3 77.4	77.3 77.4	77.3 77.4	77.3 77.4	77.4	77.3 77.4	77.3 77.4	77.3 77.4	77.3 77.4	77.4 77.6	77.4 77.6	77.4 77.6	77.6 77.7
		78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78 .8
		61.4	e1.7	81.7	81.7	81.7	Al. 7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.0	81.9
		64.2	84.5	84.5	84.5	84.5	84.5	84.5		84.5	84.5	84.5	84.5	84.6	84.6	84.6	84 .7
UL	12000	04.2	04.3	04.3	94.3	04.3	04.5	04,5	84.5	84.3	87.3	04.5	04.5	07+0	04.0	07.0	04.7
G.F	10000	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.6
		87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88 -8
		88.5	99.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6
		89.6	90.5	92.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.8
űΕ		91.0	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.6
-			• • •								• • • • • • • • • • • • • • • • • • • •			• .			. • • •
űΕ	5000	93.1	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7
GÉ		93.3	94.2	94.5	94 . 7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.1
		94.7	95.8	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.7
GE	35 20	94.7	96.0	96.3	96.5	96.5	96.5	96.7	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3
LE		95.4	96.7	96.9	97.2	97.2	97.2	97.3	97.3	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.9
					•												
6E	2500	95.8	97.2	97.4	97.8	97.9	97.9	98.1	98.1	98.2	98,3	98.5	98.5	98.6	94,6	98.6	98.7
GE	2000	95.8	97.3	97.6	98.2	98.3	98.3	98.5	98.5	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.1
GΕ	1800	95.8	97.3	97.6	98.2	98.3	98.3	98.5	98.5	98.6	96.7	98.8	98.8	99.0	99.0	99.0	99.1
Úξ	1500	95.8	97.3	97.6	98.2	98.3	98.3	98.5	98.5	98.6	98.7	98 - 8	98.8	99.0	99.0	99.0	99.1
GE	1260	95.8	97.3	97.6	98 • 2	98.3	98.3	98.6	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.2
_							_										
4E		95.8	97.3	97.6	98.2	98.3	98.3	98.6	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.2
PE		95.8	97.3	97.6	98.2	98.3	98.3	98.6	98.6	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.2
ĢĒ		95.8	97.4	97.7	98.3	98.6	96.6	98.8	98.8	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5
GE		95.8	97.4	97.8	98.5	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
υE	€ CC	95.8	97.4	97.8	98.5	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99-7
űΕ	600		07.4	07 4	98.5	98.8	0	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE GE		95.8 95.8	97.4 97.4	97.8 97.8	98.5	98.8	98 · 8 98 · 8	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
6E		95.8	97.4	97.8	98.5	98.8	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
6E		95.8	97.4	97.9	98.6	99.0	99. D	99.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.9
GE		95.8	97.4	97.9	98.6	99.0	99.0	99.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	100.0
		, ,,,,,,,	***	,,,,	,0.0	,,,,,	,,,,	,,,,									
GE	1	95.8	97.4	97.9	98.6	99.0	99. D	99.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM HONTH: JAN HOURS (LST): 1200-1400 VISIBILITY IN STATUTE MILES GE GE GE GE CE IL ING IN I GE GΕ GE GE GE GE 2 1 1/2 1 1/4 GΕ GE 6E 5/16 5 3 2 1/2 5/8 1/2 ٥ 69.9 70.4 70.9 NO CEIL | 69.1 10.5 79.5 70.5 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 78.6 79.5 80.1 78.8 79.5 80.1 77.8 78.5 78.3 79.0 76.5 79.1 78.5 79.1 78.8 79.5 78.6 79.5 78.8 79.5 78.8 79.5 78 · 8 79 · 5 78 .8 79 .5 GE 200001 77-1 78.5 78.8 78.8 GE 160001 77.7 79.1 79.5 79.5 160001 78.3 140001 79.9 79.6 81.2 84.5 79.1 79.7 79.7 79.7 80.1 80.1 80.1 80.1 80.1 80.1 60.1 80.1 81.3 84.2 81.3 81.7 81.7 81.7 81.7 81.7 81.7 81.7 83.6 81.7 81.7 81.7 GE 120001 82.7 85.8 86.9 87.4 85.8 86.9 87.4 UE 100001 83.8 84.6 85.4 85.4 85.8 85.8 85.8 85.8 85.8 85 .8 86.3 86.8 87.3 91001 65.0 85.8 86.5 86.5 87.1 86.9 86.9 86.9 86.9 86.9 86.9 86.9 GE 86.5 86 ·9 87.1 67.9 90.3 7:001 86.0 60301 88.2 87.9 87.9 LE 87.9 87.9 ĿΕ 89.6 90.3 90.3 90.3 90.3 90.3 90.3 94.2 94.7 96.0 72.7 94.2 94.7 96.0 GΕ 50001 91.4 93.3 93.8 93.8 93.8 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2 93.8 95.1 95.8 94.7 4500| 91.9 4500| 93.1 3500| 93.3 93.2 95.6 94.4 94.4 94.7 94.7 94.7 94.7 96.0 94.7 94.7 94.7 96.0 95.6 96.3 ĢΕ 95·6 96.3 96 • 0 96 • 7 96.7 96.9 96.9 96.7 3C001 93.8 95.6 96.7 97.2 97.2 97.2 97.7 97.7 97.9 97.9 25301 94.5 26601 94.5 18001 94.5 15001 94.5 ĢΕ 96.3 97.3 97.3 97.8 97.8 97.8 98.3 98.3 98.5 98.3 98.5 98.3 98.6 98.7 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.8 98.5 98.5 97.9 97.9 GΕ 97.9 98.1 98.1 98.3 98.1 98.3 98.6 98.6 96.4 97.4 98.6 98.6 98.8 98.8 98.8 98.8 99.0 99.0 6E 96.5 97.6 98.3 98.8 99.1 99.1 99.2 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 98.5 98.5 96.6 99.2 99.2 99.2 99.4 1001 97.7 98.5 98.5 98.8 99.0 99.0 98.5 99.0 99.4 99.5 99.6 9001 94.5 6001 94.5 96.5 96.7 97.7 96.5 98.8 99.4 99.4 GE 99.0 99.0 99.4 99.5 99.6 99.6 99.7 99.9 99.4 99.6 99.6 99.6 GE GE 700 98.6 99.0 94.5 96.7 97.8 99.9 GE 99.1 100.0 96.8 97.9 100.0 99.9 99.9 99.9 97.9 97.9 97.9 97.9 99.1 99.1 99.1 99.1 99.1 99.1 99.9 99.9 99.9 GE 5231 94.5 96.8 98.7 99.6 99.6 99.6 99.6 99.6 99.9 99.9 100.0 100.0 4031 94.5 3001 94.5 98.7 99.6 99.6 99.6 űĒ 96.8 100.0 99.6 99.9 99.9 GE 99.6 99.6 99.9 100.0 96.8 94.5 100.0 2001 100.0 98.7 99.1 96.8 100.0 6E 31 94.5 99.6 99.9 99.9 99.9 100.0 100.0 99.6

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**F** 3.5

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

				STATION			-					HONTH	OF REC	HOURS	(LST);	1500-17	
	IL ING	• • • • • •	• • • • • • • •	•••••	•••••	• • • • • •	•••••			IN STAT			•••••	• • • • • • •	•••••	• • • • • • •	••••
		l GE	GE	GE	GE	GE	GE	66	GE	GE	65	6E	GE	GE	GE	GŁ	6 E
		1	6	5	Ü. 4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	7.0
	-										_						
• •			•••••			••••									•••••	• • • • • • •	•••••
NO	CEIL	69.6	70.5	70.7	70.6	70.8	7C.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE	200001	78.7	79.7	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
υĒ	14600	79.1	40.1	80.2	80.3	89.3	8C.3	80.4	60.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE	16000	83.1	91.0	al.1	81.2	81.2	91.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
LΕ	14000	81.1	82.C	82.1	92.3	82.3	82. 3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE	120001	84.7	85.7	85.8	A5.9	85.9	85.9	86.0	86.0	a6.0	86.0	86.0	86.0	86.0	86.D	86.0	86.G
									-								
ĿΕ	100001	86.6	87.5	87.6	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
G€	90001	87.4	88.3	88.4	88.5	88.5	80.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	86 - 7
úĒ	80 00	88.3	89.2	89.5	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
ĿĒ	7:30	88.5	89.4	89.6	89.7	89.7	89.7	89.8	89.8	89.8	69.8	89.5	89.8	89.8	89.8	89.8	89.8
ÇE	60001	89.6	93.6	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
											-						
űE		52.7	94.0		94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
ĿΕ		92.7	94.3		94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94 .8
ĢΕ		93.9	95.2		95.7	95.8	95.8	96 · D	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
١E		94.5	95.8		96.3	96.5	96.5	96.6	96.7	96.7	96 • 7	96.7	96.7	96.7	96.7	96.7	96.7
űE	30 O C	95.2	96.7	97.5	97.4	97.5	97.5	97.7	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	96.3
CE		95.6	97.1		97.8	97.9	97.9	98.0	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE		95.7	97.3		97.9	98.0	98. D	98.2	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE		95.7	97.3	97.5	97.9	98.0	98.0	98.2	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
ŰΕ		95.7	97.3	97.5	97.9	98.0	98.0	98.2	98.3	98.4	98.8	98.8	98 • 8	98.8	98.8	98.8	98.8
υĒ	1200	95.8	97.5	97.9	98.3	98.4	96.4	98.6	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
Ŀ€	10001	95.8	97.5	98.0	98 - 4	98.6	98.6	98.7	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	9.00	95.8	97.8	98.3	98.8	99.0	99.0	99.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ		95.8	97.9		99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.n	100-0
ĞĒ		95.8	97.9		99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		95.8	97.9		99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
																••••	
ĢĒ	500	95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	430	95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300	95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	200	95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ		95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	100.0	100.0	100.0	160.0	100.0
				-													
ŰΕ	C l	95.8	97.9	98.4	99.1	99.2	99.2	99.3	99.5	99.6	100.0	100.0	160.0	100.0	100.0	100.0	100.0
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# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					STATION								HONTH	OF REC	POURS	(LST):	1860-20	
			• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	• • • • • • •			IN STAT			•••••	• • • • • • •	•••••	• • • • • • •	••••
	IL ING In		GΕ	GE	GE	GE	GE	GE	6E 4121	GE GE	· GE	GE OLL HIL	ES GE	GE	GE	GE	GE	GE
	EET	i		6	5	4		2 1/2		1 1/2		1	3/4	5 / 8		5/16	1/4	0.
		-				•					1 1/7	_			1/2		_	u
••	• • • • •	•••	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	******	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••
NO	CEIL	ł	74.2	74.6	74.8	74.9	75,2	75.2	75 • 2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75 .4
ÜF	2000	91	81.9	82.5	82.5	82.6	82.9	82.9	62.9	83.1	83.1	83.1	g3.1	83.1	83.1	83.1	83.1	83.1
GĒ	LECO	0 1	82.1	82.6		82 • B	83.1	ø3. 1	83.1	83.2	<b>83.2</b>	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GΕ	1600	ol	82.4	82.9	82.9 I	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE	1400	01	63.5	84.C	84.0	84.2	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84 .6
GE	1200	ΩĹ	67.4	88.0		88.1	88.4	86.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GΕ	1000	10	83.7	89.5	89.5	89.6	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90 -1
ŁΕ	900	οİ	89.6	23.5	90.5	90.6	90.	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.D	91.0	91.B
GE	800	οi	90.5	91.5	91.5	91.6	91.5	91.9	91.9	92.0	92 • n	92.D	92.0	92.0	92.0	92.0	92.0	92.0
GE	700	O I	90.9	92.0	92.0	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	600	01	91.2	92.4		92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.n	93.0
										• • •	•						•	
úΕ	500	01	92.7	94.5	94.0	94.3	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GΕ	45 Ü	i o	93.1	94.4	94.4	94 . 7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95 .1
GE	400	0	94.5	95.8	95.8	96_1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96 •5
űĒ	35 n	ıc l	94.7	95.9	95.9	96.2	96.5	96.5	96.5	96.8	96.8	96 . 8	96.8	96.8	96.8	96.8	96.8	96.8
GE	30 Õ	ō.	95.2	96.6	96.6	96.9	97.2	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
												•	•					
GΕ	250	101	95.8	97.2	97.2	97.5	97.8	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	96 .2
GE	200	0	96.1	97.5	97.5	97.8	98.0	98.0	98.0	98.3	98.3	98.5	96.5	98.5	98.5	98.5	98.5	98.5
GE	180	01	96.1	97.6	97.6	97.9	98.2	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98 .6
ÚΕ	150	01	96.1	97.6		97.9	98.2	98.2	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	120	0	96.5	98.3	98.3	98 • 6	98.9	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	100	a i	96.5	98.5	98.5	98 . 7	99.0	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
ίĒ			96.9	98.9		99.2	99.4	99. 4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	80	01	96.9	98.9		99.2	99.4	99.4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ĞĒ			96.9	98.9		99.2	99.4	99.4	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6E			96.9	99.0		99.3	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		•	•		, , .													
GE	50	16	96.9	99.0	99.0	99.3	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	160.0	100.0
ĞĒ			96.9	99.0		99.3	99.6	99.6	99.6	99.9	99.0	100.0	100.0	100.0	100.0	100.D	100.0	100.0
GE			96.9	99.0		99.3	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			96.9	99.0		99.3	99.6	59.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			96.9	99.0		99.3	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
						• •												
ĢE		0	96.9	99.0	99.0	99.3	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100-3	100.0	100.0	100.0

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### PLACENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{b} s_{E} r a ations$

PEPIOD OF RECORD: \$3-56,58-62 MONTH: JAN HOURS(LST): 2100-2300 STATION NUMBER: 747340 STATION NAME: WELTE SANDS MR NM CEILING VISIBILITY IN STATUTE MILES IN I GE FEET | 10 E GE GE 2 1 1/2 1 1/4 GE S GE GE 3 2 1/2 GE 1/4 GE 6E 5/16 ī. 5/8 ā £ 3/4 1/2 NO CEIL 1 79.7 90.1 89.1 60.5 60.5 96.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 80.5 GE 200001 85.7 66.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 GE 14000| 86.0 GE 14000| 86.3 86.8 86.8 86.4 86.6 86 .8 86.4 86.8 86.5 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.4 86.4 86.8 86.9 86.5 86.8 86.8 86.8 86.8 86.8 88.9 86.8 86.8 86.8 86.8 88.9 GE 12:001 90.5 90.9 91.3 91.3 91.3 93.1 93.8 93.8 UE 100001 92.0 92.7 92.7 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 90001 92.7 80001 92.7 70001 92.9 93.4 93.4 93.6 93.8 93.8 93.8 93.8 LE LE 93.4 93.4 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 93.8 94.0 95.4 6E 93.6 94.C 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 60001 93.8 95.3 95.4 95.4 95.4 95.4 50001 94.8 45001 95.0 40001 95.7 96.5 96.6 97.3 96.5 96.6 97.3 96.5 96.6 97.3 96.5 96.6 97.3 95.7 95.9 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 LE GE 95.8 96.5 96.1 96.8 96.6 96.6 97.3 97.5 96.6 96.6 97.3 96.6 96.6 97.3 96.6 97.3 96.6 97.3 96.6 95.8 97.5 97.5 97.5 97.5 97.5 30001 95.9 96.8 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 2502| 96.2 2700| 96.8 1800| 96.8 97.1 97.6 97.8 97.3 98.0 97.9 97.9 97.9 98.6 07.0 (.E 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 98.6 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.7 98.6 98.6 98.6 98.6 98.6 98.7 98.6 98.0 98.6 98.7 98 • 6 98 • 7 98.6 98.7 GE 15001 96.9 98.7 12001 97.2 99.0 99.6 9.6 99.6 99.9 GE 10001 97.8 98.7 99.6 99.6 99.6 99.6 99.6 99.7 99.9 99.9 99.9 99.9 99.6 99.6 99.6 99.6 99.6 99.6 99.9 99.9 SE 9001 97.8 8001 97.6 98.7 98.7 99.0 99.6 99.6 99.6 99.6 99.6 99.7 99.9 99.9 99.9 99.9 99.6 99.6 99.6 99.7 99.9 99.9 99.9 99.9 υE 7001 97.8 78.7 99.5 99.6 99.6 99.9 £00 97.8 99.9 98.7 99.6 GE 5001 97.8 99.5 99.5 99.0 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.9 98.7 4301 97.8 3031 97.8 98.7 99.6 99.6 99.6 99.7 100.0 100.0 100.0 100.0 100.0 GE GE 99.6 2001 97.8 99.6 99.6 99.6 99.6 99.7 100.0 100.0 100.0 100.0 100.0 GF 1931 97.8 98.7 99.0 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 100.0 100.0 100.0 100.0 100.0 99.6 99.6 L.F 31 97.8 98.7 99.3 99.6 99.6 99.6 99.6 99.7 100.0 100.0 100.0 100.D 100.D

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $0_{B}S_{E}RVATIONS$

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: JAN HOURS (LST): VISIBILITY IN STATUTE MILES
GE GE GE
2 1 1/2 1 1/4 1 CE IL ING IN | GE FEET | 10 GE 4 GE GE 3 2 1/2 GE 1 GE Gε 5/8 GE 3/4 1/2 5/16 1/4 ũ NO CEIL | 74.1 GE 200001 80.6 UE 18000; 60.8 UE 160001 81.5 81.4 81.6 82.3 81.4 81.6 82.3 81.1 81.3 81.2 81.3 81.5 61.4 61.5 81.4 81.5 81.4 81.6 82.3 81.5 81.7 81.4 81.4 81.4 81.4 81.4 81.5 91.6 82.3 81.6 81.6 82.3 81.6 81.6 82.3 81.7 82.4 84.1 87.0 82.0 62.1 82.2 82.2 82.2 82.4 GE 14000| 83.2 GE 1200| 86.1 84.3 84.1 87.D 8.8 83.9 84. G 84.0 84.0 84.1 87.0 84 .1 87 .0 86.9 87.0 86.6 86.7 86.8 86.9 86.9 87.G CE 1000G1 68.4 89.0 89.1 89.3 89.5 89.3 89.4 93.3 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.5 89.5 90.3 96.9 91.3 90.3 90001 69.2 90.0 90. 2 90.3 90.3 90.3 90.3 90.9 99.9 90.2 90.2 90.3 90.3 9G.4 91.0 90.6 91.0 92.4 90.6 91.2 95.8 90.9 90.9 90.9 LE 90.8 91.3 91.3 91.2 91·2 92·7 92.7 ίE 10036 91.4 92.2 92.7 92.7 92.8 50001 93.4 45001 93.7 40001 94.6 95.0 95.4 96.4 96.8 95.1 95.5 96.5 97.1 95.1 95.5 95.1 95.5 GE 94.4 94.6 94.9 95.0 95.0 95.1 95.1 95.1 95.1 95.1 95.1 95.5 94.8 95.8 95.0 95.3 96.4 95.5 96.5 97.0 95.4 95.5 95.5 95.6 95.5 95.5 6E 96.4 96.5 96.5 97.1 96.5 97.1 96.5 96.5 96.6 35 gg | 94.9 97.1 LE 96.4 96.8 97.0 96.2 97.0 96.9 97.0 97. 97.7 97.8 97.6 97.4 97.4 GE GE 97.7 97.8 97.8 97.9 98.0 98.0 98.1 98.2 98.2 98,2 96 •2 98 •7 2003| 95.9 1800| 95.9 97.7 97.7 98 • 1 98 • 2 98·2 98·2 98.2 98.2 98.3 98.4 98.4 98.4 98.4 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 ĢΕ 98.5 98.6 98.6 98.6 98.9 UE 15001 96.0 97.5 97.6 90.2 98.3 98.3 98.5 98.5 98.7 98.7 98.7 98.8 98.8 99.0 97.7 48.6 12001 46.1 98.4 78.5 98.7 98.8 99.0 99.0 99.D 99.1 98.6 98.8 99.0 97.7 97.6 97.9 GΕ 10001 96.2 98.1 98.6 98.7 98.7 98.9 99.0 99.1 99.2 99.1 99.2 99.1 99.3 99.1 99.2 99 .2 98.7 98.8 98.9 99.0 99.0 99.1 99.2 98.2 98.8 99.5 GE 5001 96.2 98.8 99.0 99.1 99.3 99.4 99.5 99.7 98.9 99.2 99.2 99.3 99.4 99.4 99.4 99.4 8001 96.2 98.8 99.5 700 | 96.3 98.0 99.6 ouci 96.4 ĿΕ 98.1 98.5 99.5 99,7 99.7 99.4 99.4 99.4 99.5 99.4 99.5 99.5 i.F 1301 96.4 98.1 98.5 99.1 99.1 99.2 99.2 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 4001 96.4 3001 96.4 98.2 99.6 99.6 99.7 99.8 úΕ 98.6 99.5 99.2 99.7 99.7 99.8 99.7 99.8 ĢĘ 98.6 99.1 99.2 99.5 99.7 99.8 2001 96.4 98.2 98.2 99.3 99.8 99.9 υE 98.6 99.2 99.6 99.6 100 .0 100.6 3D 11 96.4 98.2 99.5 99.6 99.7 99.6

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62
MONTH: FEB HOURSILS HOURS (LST) - 0000-0200 . . . . . . . . . . . CE IL ING VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 GE GE GΕ GE GE FEET 10 6 3 2 1/2 3/4 5/8 1/2 NO CEIL | 85.0 85.6 85.9 86.3 86.8 87.1 87.1 87.1 87.1 87.1 GE 200001 86.4 87.3 87.5 88.4 88.5 88.8 88.8 88.8 88.8 8e.8 89.1 68.8 88.8 88.8 88.8 84.8 88.2 89.8 88.8 89.1 89.1 180001 86.7 87.5 87.8 89.1 89.6 89.1 89.1 89 .1 89.1 89.6 89.6 GE 160001 87.3 88.1 88.4 88 - 8 69.4 69.4 89.6 89.6 89.6 89.6 89.6 89.6 89.6 90 · 8 91.0 SE 145031 88.7 91.0 91.0 49.5 89.8 90.2 90.8 91.0 91.0 91.0 91.0 91.3 91.0 GE 120001 93.2 91.7 92.6 92.6 92.6 92.6 100001 93.7 93.8 94.1 92.4 93.7 93.8 93.7 7:00 | 91.3 8000 | 91.6 7:001 | 91.6 6000 93.8 92.3 92.6 93.6 93.8 93.8 93.8 93.8 93.0 93.6 93.8 93.8 93.8 94.1 93.8 93.8 94.1 94.5 GE 93.3 94.1 94.1 94.1 92.9 93.1 95.û 94.5 G.F 94.5 94.5 94.5 94.5 94.5 60001 96.2 96. 2 95.7 96.5 96.5 96.5 96.5 GΕ 96.5 96.5 96.5 96.5 5000| 94.4 4500| 94.7 4000| 95.0 3500| 95.0 97.2 97.2 97.5 97.8 GE 95.7 97.2 97.5 97.2 97.2 97.5 97.8 97.9 97.2 97.5 97.8 97.9 95.4 96.4 96.9 96.9 97.2 97.2 97.2 97.5 91.2 97.5 95.9 96 · 6 96 · 9 97 · 1 97.5 97.8 97.5 97.8 95.7 97.2 97.2 97.5 97.6 97.5 97.8 97.8 97.8 97.8 4E 95.9 97.8 96.1 97.6 97.9 97.9 98.5 30001 95.4 98.2 98.5 98.5 25001 95.4 20001 95.8 18001 95.8 98.5 98.9 98.9 98.5 98.9 98.9 98.5 98.9 98.9 98.5 98.9 98.9 98.5 98.9 98.5 98.9 GE 96.5 97.6 98.2 98.2 98.5 98.5 98.5 98.5 98.9 98.9 98.6 98.9 98.9 GE 96.9 98.0 98.0 98 • 6 98 • 6 98.9 96.9 97.2 98.9 98.9 98.9 98.9 GE 1500| 95.8 96.9 97.2 98.0 98.6 98.6 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 94.9 98.9 98.9 12001 95.8 98.9 99.3 99.3 99.3 98.6 98.6 98.6 10001 95.8 95.9 98.9 99.3 96.9 98.0 9001 95.8 96.9 97.2 98.6 98.9 98.9 98.9 99.3 99.3 99.3 99.3 GE 96.0 99.3 99.3 99.3 99.3 GE GE 98.3 96.6 7JE | 95.8 600 | 95.8 98.9 99.3 99.3 99.3 97.2 98.6 98.9 99.3 99.3 96.9 98.0 97.2 97.2 97.2 98.9 98.9 98.9 98.9 99.3 99.3 99.4 GE 5001 95.8 96.9 98.0 98.6 98.6 98.6 98.9 98.9 99.3 99.3 99.3 99.3 99.3 99.3 98.6 98.9 99.3 4001 95.8 3001 95.8 98.9 98.9 98.9 98.0 99.3 99.3 99.3 GE 99.3 99.3 99.3 99.3 99.3 96.9 98.ü 98.6 99.3 97.2 98.6 99.9 2001 95.8 98.0 99.3 99.4 GΕ 96.9 98.6 98.9 99.3 99.6 97.2 99.3 99.6 GE 98.0 98.6 98.6 98.9 98.9 98.9 99.3 99.3 99.4 99.6 99.7 100.0

### PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						CN NAME:		_					PERIOD MONTH	OF REC	DRD: 53 Hou <b>r</b> s	-62 (LST):		
	LING		• • • • • •	• • • • • • • •	•••••	•••••	• • • • • •	•• ••• •			IN STATE			•••••	• • • • • • •	•••••	• • • • • • •	••••••
	N N		GΕ	G£	65	GE	GE	GE	66	GE	GE .	GE	GE	GE	GE	6 <sub>E</sub>	GE	GE
FΕ	E T	i	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	C
•••	• • • •	•••	• • • • • •	• • • • • • •	••••	•••••	• • • • • •	•• ••• •	• • • • • •	•••••		• • • • • •	• • • • • • •	••••				
NO	CEIL		£2.9	43.9	84.C	84.6	85.2	85.2	85 • 2	85.4	45.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
l.e	2 and	101	65.C	96.0	86.1	86.7	67.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	27.5	87.5	87.5
			65.0	96.4	86.1	86.7	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	47.5	87.5
			a5.7	36.7	86.8	87.4	88.3	88.0	88.0	88.2	88.2	88.2	80.2	88.2	88.2	88.2	88.2	88 .2
GE	1400	o i	86.8	87.8	80.5	68.5	69.1	80.1	89.1	89.4	89.4	89.4	87.4	89.4	89.4	89.4	89.4	89.4
GE	1200	10	88.9	59.9	90.1	90.6	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
													_					
			90.1	91.0	91.2	91.7	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92 -6
úΕ			90.6	c1.6	91.7	92.3	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
ĢE GE			91.0	92.0	92.2	92.7	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
üΕ			91.2	92.2 93.1	92.3	92.9 93.8	94.4	93•4 94•4	93.4 94.4	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7	93.7 94.7
LL	0. 0		,,,,	7366	,,,,	73.0	,,,,,	74.4	77.7	74,7	74.1	74.1	77.7	77.1	77.7	74.7	74.7	77.1
6E	5.00	13	43.1	94.1	94.3	95.0	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
			93.7	94.7	94 . 8	95.5	96.1	96.2	96 . 2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE			94.0	95.0	95.1	95 . 8	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 .8
GE.	35.0	t or	94.0	95.0	95.1	95.8	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
iΕ	300	01	54.5	95.5	95.7	96.4	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
														••				
ĿΕ			94.8	75.8	95.9	96.6	97.2	97.3 96.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
υE			95.5 95.5	96.5 96.5	96.8 96.8	97.5 97.5	99.0	98.2	98.2 98.2	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.6 98.6	98.6 98.6
üΕ			95.5	96.5	96.6	97.5	98.2	96.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE			45.5	96.5	96.8	97.5	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	78.6	98.7	96.7
٠.	• • •	•	73.5	,,,,	,,,,		,,,,		,,,,	,,,,	7510	,,,,,	,	,,,,	,,,,		7011	,,,,,
5E	100	CI	95.5	96.5	96.8	97.5	98.2	98.3	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.2
۵E	90	0	95.5	96.5	96.8	97.5	98.2	98.3	98.5	98+7	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.2
6E	80	01	95.5	96.5	96.8	97.5	98.2	98.3	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.2
6E			95.5	96.5	96.8	97.5	98.2	98.3	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.2	99.2
ίE	60	<b>3</b> !	55.5	96.5	96.0	97.5	98.2	98.3	98.5	98.7	98.7	99.G	94.0	99.0	99.0	99.0	99.2	99.2
	٠	٠.																
G€ GE			95.5 95.5	96.5	96.8 96.8	97.5 97.5	98.2	96.3 98.3	98.5	98.7	98.7	99.0	99.0 99.0	99.2 99.2	99.2 99.2	99.2 99.2	99.3 99.3	99.3 99.3
UE UE			95.5	96.5 96.5	96.8	97.5	98.2	98.3	98.5 98.5	98.7 98.7	98.7 98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3
GE			95.5	96.5	96.8	97.5	98.2	96.3	98.6	98.9	98.9	99.3	99.3	99.4	99.4	99.4	99.6	99.9
LE			95.5	96.5	96.8	97.5	98.2	98.3	98.6	98.9	98.9	99.3	99.3	99.4	99.4	99.4	99.6	99.9
		-•				,	,	. 500	. 3		,				• •			
GE		21	95.5	96.5	96.8	97.5	98.2	98.3	98.6	98.9	98.9	99.3	99.3	99.4	99.6	99.6	99.7	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: FEB POURS(LST): 0600-0800 CE IL ING VISIBILITY IN STATUTE MILES IN L GE 5 GE GE 3 2 1/2 2 3 GE 1 1/2 GE 1 1/4 GE 5/8 6E 5/16 GE 1/4 GE 3/4 NO CEIL | 75.8 77.0 77.3 77.6 77.6 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77.9 77 • 6 GE 200001 79.6 86.7 81.3 81.2 61.5 81.5 81.5 81.9 81.9 81.9 81.9 JE 180001 79.7 80.8 81.1 81.4 81.7 82.1 81.7 82.1 81.7 81.9 81.9 81.9 81.9 82.1 8.2.5 82.1 82.1 82.1 82.5 85.2 89.8 GE 16:001 80.1 GE 14:001 82.8 81.5 82.1 84.7 81.2 33.9 81.0 82.4 82.4 82.5 82.5 85.2 85.D 84.2 84.5 89.1 84.7 85.D 84.7 85.0 85.0 85.0 CE 120001 67.4 88.5 89.4 89.4 89.8 89.6 89.6 89.8 89.6 89.6 91.3 92.4 93.1 93.6 91.3 92.4 93.1 GE 100001 88.9 90.2 99.5 90.6 91.0 91.0 91.0 91.3 91.3 91.3 91.5 91.5 91.5 91.5 92.6 93.3 93.7 90001 90.1 80001 90.8 70001 91.0 91.3 92.0 92.4 92.4 93.1 93.6 92.4 93.1 93.6 92.4 93.1 93.6 92.6 93.3 93.7 92.6 93.3 93.7 91.6 91.9 92.2 92.2 92.2 92.6 92.9 93.3 94.0 93.3 GΕ 92.3 92.6 93.0 92.9 92.9 93.3 60001 91.7 úΕ 93.1 93.4 93.7 94.0 94.0 94.3 04.3 94.3 94.3 94.4 94.4 94.4 94.4 94.5 95.1 95.7 96.1 95.1 95.7 96.1 95.1 95.7 UE GE 5000) 92.3 4500| 92.6 95.1 95.7 95.1 95.7 95.2 95.8 95.2 95.8 95.2 93.7 94.3 94.8 94.8 94.8 95.2 94.7 95.1 95.5 95.0 95.4 95.4 95.4 95.8 95 ·8 96 ·2 96 ·8 94.1 40001 93.0 35001 93.3 94.5 94.8 95.4 95.8 95 · 6 95.8 96.2 96.2 GΕ 96.1 96.1 96.1 96.2 96.6 GE 96.6 96.6 97.3 96.6 96.8 96.6 ЬĒ 30001 93.7 97. 1 97.6 98.7 98.9 97.6 98.7 98.9 GE GE 95.4 95.9 96.1 97.6 98.7 98.9 97.2 97.2 97.2 97.6 98.7 96.8 96.9 97.3 98.6 98.7 99.3 2000 | 94.1 1800 | 94.3 97.5 97.6 98 • B 98.6 98.7 98.6 98.7 98.6 98.6 98.7 98.0 98.3 98.2 98.7 98.5 98.9 15001 94.7 96.5 98.2 98.7 99.9 99.3 99.3 99.6 99.6 99.6 99.6 99.6 1200 GE GE 10001 94.7 98.7 98.7 99.0 99.3 99.3 99.3 99.4 99.6 99.6 97.3 99.4 99.6 99.6 96.5 96.2 900| 94.7 600| 94.7 96.5 97.3 98 · 2 98 · 2 98.7 98.7 98.7 99.0 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.3 99.3 99.6 99.4 99.6 99.0 97.3 GE 6001 94.7 96.5 98.2 98.7 9.00 98.2 99.7 69.9 99.9 GΕ 5001 94.7 96.5 97.3 98.7 99.0 99.3 99.6 99.6 99.6 99.7 99.9 99.9 4001 94.7 3051 94.7 99.7 99.7 99.9 99.9 99.9 99.9 97.3 97.3 97.3 96.2 98.2 98.7 98.7 98.7 99.3 99.3 99.4 99.6 99.6 99.7 99.6 99.6 99.7 99.6 99.6 99.7 99.7 99.7 99.9 99.9 99.9 GE 96.5 96.5 99.0 ĞĒ 99.0 99.9 2031 94.7 1031 94.7 99.0 2001 98.2 100.0 160.0 100.0 GE 96.5 100.0 100.0 100.0 100.0 96.5 97.3 160.0 100.0 100.0 100.0

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# PEHCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

	••••		• • • • • •		• • • • • • • •					••••					{LSTI:		
	ING		•••					VISI	BILITY	IN STATE	JTE MILI	ES					• • • • • • • • • • • • • • • • • • • •
IN		GE	GE	G€	G€	GE	GE	GΕ	GE	GΕ	GE	GE	GΕ	GE	GE	GE	GE
FEE		70	6	5			2 1/2		1 1/2			3/4	5/8	1/2	5/16	1/4	0
0 C	EIL	75.8	76.5	76.8	77.5	77.7	77.7	78.0	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78 .6
	00001		8.06	81.1	81.8	82.1	82.1	82.4	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9
	80001		81.1	81.4	82.1	82.4	82.4	82.6	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	60001		91.7	81.9	82.6	82.9	82.9	83.2	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
	40001		85.3	85.3	86.0	86.3	96.3	86.6	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
E 1	50001	67.8	38.5	8.88	89.5	89.8	89.8	90.1	90•2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
E 1	10030	88.9	89.8	90.1	95.6	91.0	91.0	91.3	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	90001		89.9	90.2	90.9	91.2	91.2	91.5	91.6	91.6	92.0	92.0	92 0	92.0	92.0	92.0	92.0
Ε	10003	69.6	90.5	90.6	91.5	91.7	91.7	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	77001		99.9	91.3	92 ú	92.3	92.3	92.7	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
-	6C <sup>CO</sup> 1	93.3	91.2	91.6	92.4	92.7	92.7	93.1	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
:	50001	90.8	91.6	92.0	92.9	93.1	93.1	93.6	93.7	93.7	94.3	94.3	94.3	94.4	94.4	94.4	94 .4
	45001	91.5	92.3	92.7	93.6	93.8	93.8	94.3	94.4	94.4	95.0	95.0	95.0	95.1	95.1	95.1	95 • 1
	40381	92.Ž	93.1	93.6	94.4	94 • 7	94.7	95.1	95.2	95.2	95.8	95.8	95.8	95.9	95.9	95.9	95.9
:	35001	92.9	94.1	94.5	95.4	95.7	95.7	96.1	96 • 2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
	30001	92.9	94.1	94.5	95.4	95.7	95.7	96.2	96.4	96.4	97•1	97.1	97.1	97.2	97.2	97.2	97.2
	25001	93.6	74.8	95.4	96.2	96.5	96.5	97.1	97.2	97.2	97.9	97.9	97.9	98.0	98.0	98.0	98.0
	20001		95.7	96.2	97.3	97.6	97.6	98.3	98.5	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3
	1860		95.7	96.2	97.3	97.6	97.6	99.3	98.5	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3
:	15001	94.3	95.8	96.4	97.6	97.9	97.9	98 _6	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6
	12001	94.3	95.8	96.4	97.6	97.9	97.9	98.6	98.7	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6
:	10061	94.3	95.8	96.5	97.8	98.3	98.D	98.7	98.9	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	9501	94.3	95.8	96.5	97.8	98.0	98.0	98.7	98.9	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7
Ξ	eonl	94.4	95.9	96.6	97.9	98.2	98_2	98.9	99.0	99.0	99.7	99.7	99.7	99.9	99.9	99.9	99.9
_		94.5	96.1	96.8	98.0	98.3	98.3	99.0	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	600 J	94.5	96.1	96.8	98.0	98.3	96.3	99.0	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	5001	94.5	96.1	96.8	98.0	98.3	98.3	99.0	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	106.0
	400	94.5	96.1	96.8	98.0	98.3	98.3	99.0	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	3001	94.5	96.1	96.8	98.U	98.3	98.3	99.0	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
:	2001	94.5	96.1	96.8	98.4	98.3	98.3	99.3	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	1001	94.5	96 • 1	96.8	98 • Ö	98.3	98.3	99.0	99.2	99.2	99.9	99.9	99.9	100,0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

71

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 Month: FEB Hours(LST): 1200-140G

CEILING  IN   GE   GE   GE   GE   GE   GE   GE   G													11011111					
CEILLIAG								** *** * *				• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • • • • • •
FREIL I C. 6									VISI	BILITY	IN STATE	JTE MILI	ES					
NO CEIL   T2.C   73.9   T4.5   T4.9   T4.9   74.9   75.5   75.6   75.6   75.9			GE	GF	GE	GE	GE	GE	GE	Gr	GE	GE	GΕ	GE	GE	GE	GE	GE
NO CEIL   72.C   73.9   74.5   74.9   74.9   74.9   75.5   75.6   75.6   75.9											1 1/4	1	3/4	5/8	1/2	5/16	1/4	Q
NO CEIL   72.C																		
RG 20001 76.2 78.4 79.1 79.7 79.7 79.7 80.5 80.7 80.7 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0	•••	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •											
Re 20001 76.2 78.4 79.1 79.7 79.7 79.7 80.5 80.7 80.7 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0															36 0	35.0		76 0
GE 18500 76.2 78.4 79.1 79.7 79.7 79.7 79.7 80.5 80.7 81.0 81.0 81.0 81.0 81.0 81.0 81.0 61 10001 76.6 76.9 79.6 85.1 83.1 83.1 83.1 83.1 83.1 83.9 84.0 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3	NO	CEIL I	72.C	73.9	74.5	74.9	74.9	74.9	75.5	75.6	75.6	75.9	75.9	15.7	12.4	12.4	73.9	15.17
GE 18500 76.2 78.4 79.1 79.7 79.7 79.7 79.7 80.5 80.7 81.0 81.0 81.0 81.0 81.0 81.0 81.0 61 10001 76.6 76.9 79.6 85.1 83.1 83.1 83.1 83.1 83.1 83.9 84.0 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3																		
St. 1900   76.6   78.9   79.6   50.1   80.1   80.1   81.0   81.1   81.1   81.4	GΕ	200301	76.2	78.4	79.1	79.7	79.7	79.7	80.5	80.7								
ET 18COOJ 79.4 91.8 82.5 83.1 83.1 83.1 83.1 83.0 84.0 84.0 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3	GE	18nggl	76.2	78.4	79.1	79.7	79.7	79_7	80.5	80.7	80.7	81.0	81.0	81.0	81.0	81.0		
E 12001 79.4 91.8 84.3 85.0 85.0 85.6 85.6 85.6 85.6 86.4 86.0 84.3 84.3 84.3 84.3 84.3 84.3 84.3 84.3					79.6	80.1	80.1	6D. 1	81.0	Bl. 1	81.1	81.4	81.4	61.4	81.4	81.4	81.4	81.4
GE 12CUU 81.8 24.3 85.0 85.6 85.6 85.6 86.4 86.6 86.8 86.8 86.8 86.8 86.8 86													84.3	64.3	84.1	84.3	84.3	84 .3
6E 10000 82.9 85.4 86.1 86.7 86.7 86.7 87.5 87.7 87.7 88.0 88.0 88.0 88.0 88.0 88.0																	86.8	86 .8
62 9000 62.9 85.4 86.1 86.7 87.3 87.3 87.3 88.7 87.7 87.7 88.0 88.0 88.0 88.0 88.0	UE	120001	81.6	54.3	93.0	43.0	03.0	4360	50.1			20.0		••••				
62 9000 62.9 85.4 86.1 86.7 87.3 87.3 87.3 88.7 87.7 87.7 88.0 88.0 88.0 88.0 88.0														44 0		80 0	88.0	88.0
62 8001 8.3 85.9 86.6 87.3 87.3 88.1 88.1 88.1 88.2 88.2 88.5 88.5 88.5 88.5 88.5 88.5																		
GE 7:0C  64 2 86-7 87-8 88-1 88-1 88-1 88-1 88-1 88-1 89-1 89	GΕ	90001	82.9	85.4	86.1													
GE       6001       85.4       88.1       88.9       89.8       89.9       90.1       91.0       91.2       91.5       <	ĞE	80001	e3.3	85.9	86.6	87.3	87.3		. 88.1									
GE 5001 85.4 88.1 88.9 89.8 89.9 90.1 91.0 91.2 91.2 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5	GE	70001	64.2	86.7	87.4	88.1	88.1	68.1	89.1	89.2	89.2		89.5					
GE 5000   86.4   89.2   90.1   90.9   91.0   91.2   92.2   92.3   92.3   92.7	6E	60001	85.4		88.9	89.8	89.9	90.1	91.0	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
\$\begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin* \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin* \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin{align*} \begin* \b		•						-										
## \$500  88.8		(0000	64 4	80.2	90 1	9.00	91.0	91. 2	92.2	92.7	92.1	02.7	92.7	92.7	92.7	92.7	92.9	93.0
GE 4001 90.3 93.4 94.1 95.0 95.1 95.2 96.4 96.5 97.5 96.6 96.9 96.9 96.9 96.9 96.9 96.9 96																	95.2	95.4
GE 3500  90.3 93.4 94.5 95.5 95.7 95.8 96.8 96.9 96.9 97.3 97.3 97.3 97.3 97.3 97.3 97.5 97.6  GE 2500  90.8 94.1 95.2 96.2 96.4 96.5 97.5 97.6 97.6 98.0 98.0 98.0 98.0 98.0 98.0 98.6 98.7 98.5 98.6 98.7 98.6 98.7 98.5 98.5 98.6 98.7 98.6 98.7 98.5 98.5 98.5 98.6 98.7 98.6 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0																		
GE 35501 90.8 93.3 93.6 94.5 95.5 95.7 95.8 96.8 96.9 96.9 97.3 97.3 97.3 97.3 97.3 97.5 97.6  GE 25001 90.8 94.1 95.2 96.2 96.4 96.5 97.5 97.6 97.6 98.0 98.0 98.0 98.0 98.0 98.0 98.2 96.3 97.5 97.6 97.9 98.0 98.0 98.0 98.5 98.5 98.5 98.5 98.6 98.7 98.1 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0																		
GE 25001 90.8 94.1 95.2 96.2 96.4 96.5 97.5 97.6 98.0 98.0 98.0 98.0 98.0 98.5 98.5 98.5 98.6 98.7 GE 18001 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.6 98.7 GE 18001 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.0 98.0 98.0 98.5 98.5 98.5 98.5 98.6 98.7 GE 15001 91.6 95.1 96.2 97.2 97.3 97.5 98.5 98.5 98.6 98.6 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99.3	GΕ																	
E 2000 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.5 98.5 98.5 98.5 98.5 98.6 98.7 98.1 15001 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.6 98.7 98.1 15001 91.6 95.1 96.2 97.2 97.3 97.5 98.5 98.6 98.6 99.2 99.3 99.3 99.3 99.3 99.4 99.4 99.6 98.6 12001 91.6 95.1 96.2 97.2 97.3 97.5 98.5 98.6 98.7 98.7 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.6 99.6 99.6 99.7 99.9 99.0 98.0 98.7 98.7 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.6 99.6 99.7 99.9 99.0 99.0 99.6 99.7 99.9 99.9 99.0 99.6 99.7 99.9 99.9 99.0 99.6 99.7 99.9 99.9 99.0 99.0 99.0 99.0 99.0	űE	30001	90.3	93.6	94.5	95.5	95.7	95.8	96.8	96.9	96.9	97.3	97.3	97.3	97.3	47.3	41.3	7 / 40
E 2500   91.0   94.5   95.7   96.6   96.8   96.9   97.9   98.0   98.5   98.5   98.5   98.5   98.6   98.7    GE 1800   91.0   94.5   95.7   96.6   96.8   96.9   97.9   98.0   98.5   98.5   98.5   98.5   98.5   98.5    GE 1500   91.6   95.1   96.2   97.2   97.3   97.5   98.5   98.6   98.6   99.2   99.3   99.3   99.3   99.3    GE 1200   91.6   95.1   96.2   97.2   97.3   97.5   98.5   98.6   98.6   99.2   99.3   99.3   99.3    GE 1200   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 900   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 700   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 700   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 500   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 400   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 500   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 400   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 500   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 01   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 01   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.7   99.9    GE 01   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.6   99.7   99.9    GE 01   91.6   95.2   96.4   97.3   97.5   97.6   98.6   98.7   98.7   99.3   99.4   99.4   99.6   99.6   99.6   99.7   99.9    GE 01   91.6   95.2																		
LE 2000 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.5 98.5 98.5 98.5 98.5 98.6 98.7 98.6 1800 91.0 94.5 95.1 96.2 97.2 97.3 97.5 98.5 98.5 98.6 98.6 99.2 99.3 99.3 99.3 99.3 99.4 99.6 99.6 99.7 99.6 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.6 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.8 E 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 9.9 100.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	GF	25001	90.8	94.1	95.2	96.2	96.4	96.5	97.5	97.6	97.6	98.0	98.0					
GE 18001 91.0 94.5 95.7 96.6 96.8 96.9 97.9 98.0 98.0 98.5 98.5 98.5 98.5 98.5 98.6 98.7 97.5 97.5 98.5 98.5 98.6 98.7 97.3 97.5 98.5 98.6 98.6 97.2 97.3 97.5 98.5 98.6 98.6 97.2 97.3 97.5 98.5 98.6 98.6 97.2 97.3 97.5 97.6 98.6 98.6 97.2 97.3 97.3 97.4 97.6 97.4 97.6 98.6 98.7 98.7 97.3 97.4 97.4 97.6 97.7 97.9 97.6 98.6 98.7 98.7 97.3 97.4 97.4 97.6 97.7 97.9 97.9 97.9 97.9 97.9 97.9					95.7	96.6	96.8	96.9	97.9	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.6	
GE 15001 91.6 95.1 96.2 97.2 97.3 97.5 98.5 98.6 98.6 99.2 97.3 99.3 99.3 99.3 99.3 99.4 99.6 GE 12001 91.6 95.1 96.2 97.3 97.5 98.5 98.6 98.6 98.6 99.2 99.3 99.3 99.3 99.3 99.3 99.4 99.6 GE 10001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 9001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6						96.6	96.8	96.9	97.9	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.6	98.7
GE 12001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 9001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 3001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 3001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 100												99.2	99.3	99.3	99.3	99.3	99.4	99.6
GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.8 100.0 GE 2001 91.															99.3	99.3	99.4	99.6
GE 9GG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 3GG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 9	GE	12001	71.0	32.1	90.2	71.2	77.3	****	70,5	70.6	78.0	,,,,						
GE 9GG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 7UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.7 99.9 GE 5UG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 3GG1 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.0															0- 6	00 4	99.7	90.0
EE 8031 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 4031 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 6001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.9 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.8 100.0 UE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 98.7 99.3 99.4 99.4 99.4 99.6 99.6 99.6 99.8 100.0 UE 1001 91.6 91.6 91.0	GE																	
GE 70G  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 UE 600  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 GE 500  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 403  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 350  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 200  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0	GE	9001	91.6	95.2	96.4													
GE 5001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 4001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 01 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0	ĢΕ	ADDI	91.6	95.2	96,4	97.3	97.5	97.6					-					
GE 5U01 91.6 75.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.7 99.9 100.0 GE 4U31 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 3501 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0	GE	7061	91.6	95.2	96.4	97.3	97.5	97.6	98.6	98.7	98.7	99.3		99.4				
GE 5J0  91.6 35.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 400  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 350  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 200  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0							97.5	97.6	98.6	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.7	99.9
GE 403  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 350  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 200  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0	O.E.		,						_		•	_	-					
CE 403[ 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 300[ 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 200[ 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100[ 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100[ 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0	c F	6.301		15 2	04 "	67.3	07.5	97. 6	98.6	98.7	98.7	99. 1	90.4	99.4	99.6	99.6	99.9	100.0
GE 3501 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 2001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 1001 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 01 91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0																	99.9	100 an
GE 200  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 100  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 0  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0																		
GE 100  91.6 75.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0 GE 0  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.6 99.9 100.0																		
GE 0  91.6 95.2 96.4 97.3 97.5 97.6 98.6 98.7 98.7 99.3 99.4 99.4 99.6 99.9 100.0	GΕ	2001	91.6															
UL 01 7100 7302 7004 9703 7703 700 700 700 700 700 700 700 700	GE	1001	91.6	75.2	96.4	97.3	97.5	97.6	98,6	98.7	98.7	99.3	77.4	44.4	44.6	44.0	77.7	200 10
UL 01 7100 7302 7004 9703 7703 700 700 700 700 700 700 700 700		•																
	GΕ	01	91.6	95.5	96.4	97.3	97.5	97.6	98.6	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.9	100.0
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### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: FEB HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES GE GE GE  $_2$  1 1/2 1 1/4 1 CE IL ING IN I GE GE 3 2 1/2 GE GF GE -- 1 5/8 3/4 1/2 5/16 1/4 ō 77.1 GE 200001 77.6 GE 180001 77.9 GE 160001 79.3 63.3 83.5 84.9 83.6 83.8 85.2 83.6 83.8 85.2 83.6 83.8 85.2 79.6 80.9 82.2 82.3 83.0 83.3 83.5 83.5 83.6 83.6 83.6 63.6 79.8 81.2 81.1 83.5 83.6 85.0 83.6 83.8 83.8 83.8 85.2 83.8 83.8 84.6 GE 140001 61.3 GE 120001 82.8 84.5 87.5 88.3 88. 1 86.2 88.6 48.7 GE ICCOOL 83.5 45.6 86.9 88.2 89.0 69. 3 89.3 89.5 89.5 89.6 89.6 89.6 89.6 89.6 89.6 89.6 90001 83.8 80001 83.8 70001 85.0 85.9 85.9 87.2 89.6 89.6 89.7 89.7 91.3 89.9 89.9 91.5 89.9 89.9 91.5 88.5 89.7 89.9 89.9 89.9 89.9 89.9 89.9 89.3 90.9 91.2 úE 87.2 90.5 90.0 91.2 91.3 91.5 91.5 91.5 91.5 93.6 91.5 60001 86.3 91.9 92.7 92.3 93.3 94.3 5000] 68.0 93.7 95.2 95.4 95.6 95.6 96.6 97.6 95.7 95.7 95.7 95.7 95.7 95.7 45001 88.9 40001 89.9 91.9 94.7 95.7 95.7 96.7 96.2 97.2 96.4 97.4 96.6 97.6 96.7 97:7 96.7 97.7 96 • 7 97 • 7 96.7 96 •7 97 •7 96:7 97:7 96.7 97.7 35001 90.5 93.4 94.9 96.3 97.3 97.7 98.0 98.1 98.1 98.3 98.3 98.3 98.3 98.3 98.3 97.3 97.7 98.3 98.4 98.4 98.4 98 .4 6.F 30001 90.5 93.4 94.9 96.3 98.1 98.3 98.4 98.4 98.4 99.1 99.1 99.4 99.4 99.4 99.6 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.7 25001 90.9 93.9 95.3 97.3 99.3 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.6 98.3 98.7 99.4 2000| 40.9 1800| 97.9 1500| 91.0 99.4 99.4 99.4 99.7 93.9 95.3 97.3 99.3 98.7 99.1 99.3 95.3 95.4 97.3 GE GE 93.9 98.3 96.7 99.3 94.0 98.9 99.4 98.4 12001 91.0 99.6 99.6 99.9 1000| 51.0 900| 91.0 800| 91.0 700| 91.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 97.6 97.6 99.0 99.0 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 CΕ 94.0 95.4 98.6 99.4 99.6 99.9 99.4 99.4 99.4 99.9 99.9 99.9 94.G 95.4 95.4 95.4 GE 99.6 99.6 GE 97.6 98.6 99.0 99.6 99.6 99.7 99.7 94.0 99.6 99.6 1001 91.0 GE 99. G 94.0 98.6 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 5001 91.0 4001 91.0 3001 91.0 99.4 99.6 99.6 99.7 99.7 99.7 99.9 99.9 99.9 94.0 95.4 97.6 99.0 99.6 99.7 99.7 98.6 95.4 95.4 95.4 GE 91.6 97.6 98.6 99.0 94.0 99.0 99.4 99.6 99.6 99.7 91.0 99.9 99.9 100.0 94.0 97.6 2001 98.6 99.9 99.9 106.0 100 | 91.0 99. U 99.6 99.7 99.9 100.0 100.0 99.0 100.0

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### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-56,58-62 MONTH: FEB HOURS(LST): 1800-2000 VISIBILITY IN STATUTE MILES CE IL ING GE GE 3 2 1/2 IN | GE FEET | 1 GE GE GE 2 1 1/2 1 1/4 GE 1 GE 3/4 GF 5/16 1/2 1/4 ٥ NO CEIL | 74.7 76.3 77.0 78.2 78.2 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 GE 200001 79.0 83.5 81.0 82.5 e2.5 83.C 82.6 83.1 82.6 83.1 82.6 83.1 82.6 83.1 82.6 83.1 82.6 82.6 83.1 80.7 81.3 82.6 82.6 82.6 83.1 84.0 87.4 83.1 84.C GE 18cap1 79.5 81.1 81.7 83.1 84.0 87.4 90.6 DE 160001 80.4 81.9 82.6 83.9 83.9 84.0 84.0 84.0 84.0 84.0 84 .D 87.4 90.6 GE 140001 83.7 85.2 85.4 86.0 87.2 87.2 87.4 67.4 87.4 87.4 87.4 GE 120001 86.9 90.4 90.6 90.6 66.4 89.6 90.6 90.6 89.2 90.6 90.6 90.6 GE 100001 88.1 39.6 89.8 93.6 91.8 91.6 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 92.1 92.1 93.3 92.1 92.1 93.3 92.1 92.1 93.3 89.8 90.7 91.9 91.9 92.1 92.1 92.1 GE GE 90001 88.3 90.0 92.1 92.1 92.1 92.1 92.1 90.0 92.1 8000| 88.3 7000| 89.2 92.1 93.3 92.1 92.1 93.3 92·1 93.3 92.1 93.0 93.3 GE 60001 91.0 93.2 93.3 94.1 95.3 95.3 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 94.7 95.1 95.7 94.8 95.3 95.9 95.6 96.0 96.7 96.8 97.3 97.9 96.8 97.3 97.9 97.1 97.6 98.2 97.1 97.6 98.2 97.3 97.7 98.3 97.3 97.7 98.3 97.4 97.9 98.5 GE 50001 92.2 45001 92.7 97.1 97.6 97.3 97.4 97.9 97.4 97.4 97.9 98.5 98.5 υE 40001 93.2 98.2 98.3 98.5 98.5 93.3 95.9 95.9 96.0 96.8 96.8 98-0 98.3 98.3 98.3 98.5 98.5 98.6 98 ,6 ōF 35001 98.0 30001 93.3 98.0 98.5 96.0 96.0 96.0 97.3 97.3 98.8 98.8 98.6 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 SE SE 96.2 96.2 98.8 98.8 99.7 99.7 25001 20001 93.5 18001 93.5 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.7 99.7 GE 96.2 97.3 98.8 99.4 99.7 97.3 97.6 98.8 98.8 99.1 99.2 99.2 99.4 99.4 99.5 GE 15001 96.0 99.5 99.7 99.7 12001 96.3 GE 100-0 99.8 99.8 99.8 ĿΕ 10001 93.5 96.0 96.3 97.6 99.1 99.1 99.5 99.5 99.5 99.7 99.7 99.7 99.8 99.8 99.8 100.0 100.0 97.6 97.6 99.1 99.5 99.5 99.5 99.7 99.7 99.7 9331 93.5 96.0 96.3 96.3 99.1 100.0 100.0 8001 93.5 7001 93.5 99.1 99.1 99.1 GΕ 7001 93.5 99.5 99.5 99.7 100.0 96.3 99.5 99.7 96.3 99.7 100.0 Œ 96.3 99.7 99.8 99.4 160.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 GΕ 5001 93.5 96.0 96.3 97.6 99.1 99.1 99.5 99.5 99.5 99.7 99.8 100.0 100.0 99.5 99.5 99.5 99.5 99.5 97.6 97.6 97.6 99.1 99.1 99.1 99.7 99.7 99.7 100.0 100.0 4071 93.5 3001 93.5 2001 93.5 GE 96.3 99.1 99.1 99.1 99.5 99.8 99.8 96.0 99.5 99.8 GE 96.0 96.3 99.8 100.0 100.0 99.8 99.8 100.0 96.3 99.5 100.0 96.0 99.7 99.5 99.5 99.8 1001 93.5 96.0 99.8 100.0 100.0 96.3

99.5

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100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

96.0

96.3

97.6

01 93.5

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

						ON NAME:												
	LING		• • • • • •	• • • • • • • •	•••••	•••••	• • • • • •	• • • • •			IN STATE			• • • • • • •	• • • • • •	•••••	•••••	••••
	N		GE	GE	GΕ	GE	GE	GE.	ĞÊ	GF	ĞĒ	GE		GE	GE	GE	GE	GE
FE	E T	1	7.	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	٥
•••	• • • •	• • •	• • • • • •	• • • • • • •	•••••	••••••	• • • • • •	• • • • • •	• • • • • • •	•••••	••••	• • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • • •	•••••
NO	CEIL		82.2	e3.C	83.0	83.0	84.3	64.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84 .5
	2000		65 7	34 5	86.5		87.8	.7.0			40.5							
			85.7 85.8	36.5 86.6	86.6	86.5 86.6	88.3	87.8 88.0	88.0 88.1	88.0 88.1	88.0 88.1	68.C 98.1	88.0 88.1	88.0 88.1	88.0	88.0 88.1	88.0 88.1	88.0 88.1
			86.5	87.2	87.2	87.2	88.6	68.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	68.7	68.7	88.7
			69.3	90.1	90.1	90.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
			90.7	91.5	91.5	91.5	92.8	92.8	93.0	93.0	93.0	93.6	93.0	93.0	93.0	93.0	93.0	93.0
O.C.	1200		70.1	71.5	71.5	91.5	72.00	72.0	7,00	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GΕ	1000	10	91.6	92.4	92.4	92.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
6.5			91.6	92.4	92.4	92.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
υĒ	800	o i	91.6	92.4	92.4	92.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE	700	i o	92.2	93.3	93.3	93.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94
GE			93.9	95.1	95.1	95.1	96.5	96 • 5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
			95.0	96.2	96.2	96.2	97.6	97.6	97.7	97.7	97.7					97.7	97.7	97.7
GE	_	-										97.7	97.7	97.7	97.7			
GE			95.1	76.3	96.3	96.3	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE			95.6	96 • 8	96.8	96.8	98.2	98.2	98.3	98.3	98.3	96.3	98.3	98.3	98.3	98.3	98.3	98.3
GE			95.6	96.8	96.6		98+2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
ĿE	3^4	101	95.6	97.0	97.0	97.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
üΕ	250	01	95.6	97.0	97.0	97.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98 .8
GE			¢5.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE			95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE			95.7	97.3	97.3		99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE			95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
																•		
űE űE			95.7 95.7	97.3 97.3	97.3	97.4 97.4	99.1	99.1 99.1	99.2 99.2	99.2 99.2	99.2 99.2	99.5	99.5 99.5	99.5 99.5	99.5	99.5 99.5	99.5 99.5	99.5 99.5
GE			95.7			97.4						99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE.			95.7	97.3 97.3	97.3 97.3	97.4	99.1	99•1 99•1	99.2	99.2 99.2	99.2		99.5	99.5	99.5	99.5	99.5	99.5
GΕ			95.7	97.3	97.3	97.4	99.1	99.1	99.2 99.2	99.2	99•2 99•2	99.5	99.5		99.5	99.5	99.5	99.5
υŁ			7301	71.3	71.3	77.4	77.1	77.1	77.2	77.2	77.2	99.5	77.5	99.5	77.5	77.3	7763	77.5
GΕ			95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
CE			95.7	97.3	97.3	97.4	99•1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ĿΕ			95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.8	100.0	100.0	100.0
ĢΕ			95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.8	100.0	100.0	100.0
6E	:0	0 1	95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.8	100.0	160.0	100-0
GE		31	95.7	97.3	97.3	97.4	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.8	100.0	100.0	100.0
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### PERCENTAGE FREQUENCY OF CCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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F. 1. . .

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PERIOD OF RECORD: 53-62
HONTH: FEB FOURS(LS STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM FOURS (LST): ALL . . . . . . . . . . . . . 2 1 1/2 1 1/4 1 2 1 1/2 1 1/4 1 A 1 2 1 1/4 1 CE IL ING GE GE GE 3 2 1/2 Lu GE GE FEET 1/2 10 - 6 5 3/4 5/8 5/16 1/4 NO CEIL | 77.6 78.7 80.2 80.4 79.1 74.6 86.2 80.5 80.5 80.6 80.6 80.6 90.6 80.6 80.6 80.6 GE 200001 81.2 82.8 83.4 84.0 84.3 84.5 84.5 84.5 84.5 84.5 84.1 84.4 44.4 84.5 84.5 84.5 GE 180001 81.4 82.6 83.0 83.6 84.2 84.2 84.6 84.7 84.7 84.7 84.7 84.7 84.7 84 .7 64.6 83.7 64.9 87.4 84.9 67.4 85.2 87.6 85.4 85.4 85.4 87.9 GE 140001 82.1 GE 140001 84.5 84.3 86.7 85.3 85.4 87.8 85.4 87.8 85.4 85.4 83.3 85.3 GE 120001 87.0 88.4 88.8 89.3 89.9 90. G 90.2 93.3 90.3 90.4 90.4 90.4 90.4 90.4 90.4 JE 100001 88.1 91.1 91.4 91.7 91.6 91.6 91.6 91.9 91.6 49.5 49.9 90.5 91.1 91.5 91.5 91.6 91.6 91.6 90.2 90.5 91.2 91.4 91.7 92.5 91.4 91.8 91.9 91.9 90001 63.4 89.8 93.6 91.8 91.9 92.2 93.0 GE 91.9 80001 68.7 70001 69.3 91.8 92.0 92.8 92.1 92.2 92.2 92.1 91.1 92.2 93.0 92.2 93.0 92.2 92.2 90.8 92.9 93.0 91.8 6E 60001 90.5 94.4 95.7 96.5 97.2 97.5 97.9 95.7 96.5 97.2 97.5 97.9 50001 91.5 93.2 93.7 95.0 95.1 95.4 95.5 95.7 95.8 95.8 95.8 G٤ 95.5 95.8 95.9 96.6 96.2 96.9 97.2 97.6 96.5 97.2 97.5 97.9 96.5 97.2 97.5 97.9 96.5 97.2 97.5 97.9 96.6 97.3 97.6 98.0 45001 92.2 93.9 96.3 96.3 υE 94.4 95.1 96.5 95.1 G€ 94.6 45.4 97.2 96.4 96.8 4E 35.001 93.1 97.3 97.3 3nggl 93.3 ú E 95.1 97.7 97.7 25001 93.5 95.4 97.6 97.7 98.1 98.6 98.7 98.2 98.8 98.4 98.9 99.0 98.4 98.9 99.0 99.2 98.5 GE 96.0 96.8 98.2 98.4 98.4 98.4 94.5 96.4 96.4 96.6 GE 20001 93.8 18001 93.8 97.4 98.8 98.9 99.0 99.0 99.1 99.1 95.8 95.6 98.1 98.2 96.2 98.5 98.2 98.4 98.8 97.6 15001 99.0 99.0 12061 94.0 Ú.E. 96.C 96.6 97.6 98.4 98.5 98.9 99.1 99.3 99.3 99.3 99.3 99.4 99.4 í.F 10001 94.0 96.0 96.7 97.7 98.5 98.5 99.0 99.1 99.1 99.4 99.5 99.5 99.5 99.5 99.6 4. 99 9351 94.0 6001 94.0 99.6 99.4 96.0 96.0 98.5 99.5 99.5 96.7 97.7 97.7 98.5 99.0 99.1 99.1 99.5 99.5 99.6 GE 98.6 99.0 99.5 GΕ 98.5 99.1 99.4 99.5 99.6 99.6 99.6 7031 94.0 96.1 97.7 98.5 98.6 99.1 99.5 99.6 99.6 99.6 99.7 GE 96.7 99.5 6001 94.0 96.1 98.5 99.7 5001 94.0 99.2 97.7 94.5 98.6 99.1 99.2 99.5 99.6 99.6 99.7 99.7 ЬE 96.1 96.7 99.5 99.6 98.5 98.5 98.5 99.5 99.5 99.6 GE 4001 94.0 3001 94.0 96.1 96.1 96.7 96.7 97.7 97.7 96.6 98.6 99.1 99.1 99.2 99.2 99.5 99.6 99.6 99.6 99.7 99.7 99.8 99.7 99.2 2001 94.0 96.7 97.7 99.1 99.6 100.0 LF 96.1 98.6 99.2 99.6 99.7 99.8 ... GE 98.5 99.1 99.8 1001 94.C 96.7 97.7 98.6 99.Z 99.2 99.6 99.6 99.7 99.9 96.1 99.1 99.6 99.9 100.0 GE 01 94.0 97.7 98.6 99.2 99.2 99.6 99.6 99.8 99.4 96.1 96.7 98.5

### PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 MONTH: MAR HOURS(LS STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES GE GE GE CE IL ING GE 5 GE GE 1 1/2 1 1/4 G.F GE GE GΕ GE GΕ GĒ GE GE GΕ GE GE GE FEET 3 2 1/2 10 6 4 2 1 3/4 5/8 1/2 5/16 0 1/4 NO CEIL 1 76.5 78.0 78.2 78.4 78.4 78.6 78.6 78-6 LE 200001 79.8 81.9 **al.3** 81.6 81.7 81.7 81.9 81.9 81.9 81.9 81.9 81.9 81.9 61.7 82.3 81.7 81.9 82.1 82.1 82.1 82.8 82.3 82.3 83.1 82.3 82.3 83.1 82.3 83.1 82.3 83.1 82.3 82.3 4E 18000 63.0 82.3 GE 160001 80.8 83.1 140001 85.6 85.2 85.4 38.0 88.3 28.4 88.4 88.7 GE 100001 88-4 90.7 99.8 91.1 91.1 91.1 91.1 91.1 91.1 90.5 90.8 96.8 91.1 91.1 91.1 91.1 91.5 91.9 92.6 91.9 92.2 93.0 91.9 92.2 93.0 90001 89.2 80001 89.6 70301 90.3 90001 91.2 91.6 91.6 92.0 92.7 91.6 92.0 91.9 92.2 93.0 91.9 92.2 93.0 91.9 92.2 93.0 91.9 91.9 91.9 92.2 93.0 91.9 92.2 93.3 91.9 GE GE 92.2 92.2 92.7 92.7 97.2 97.5 98.3 98.6 GE 50601 94.0 96.6 96.6 96.9 96.9 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 4500| 94.1 4000| 95.0 3500| 95.2 76.8 97.7 98.0 97.1 98.0 98.2 98.3 97.2 98.1 98.3 97.2 98.1 97.2 98.1 97.5 98.3 97.5 98.3 97.5 98.3 97.5 98.3 98.6 97.5 98.3 98.6 97.5 98.3 98.6 97.5 98.3 97.5 97.5 GE 98.3 98.3 CE 98.3 98.6 98.3 98.6 98.6 98.6 98.6 30001 98.6 98.9 98.9 98.9 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 ĢΕ 25001 95.3 98.6 98.9 99.0 99.1 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 10001 95.3 98.6 98.9 99.4 99.1 99.1 99.4 99.4 99.4 99.4 99.1 98.6 99.D 99.4 GΕ 15001 95.3 98.6 98.9 99.4 99.4 99.4 99.4 99.2 99.4 99.7 GE 12001 95.5 99.C 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.5 99.7 99.7 99.7 99.7 900 95.5 95,5 99.0 99.2 99.4 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.5 99.5 99.5 99.7 99.7 99.7 GE 99.4 99.5 99.7 99.7 99.7 99.7 99.7 99.2 99.2 99.2 99.7 99.7 99.7 99.7 6E GE 8001 7301 95.5 99.6 99.4 99.7 99.7 99.7 99.7 99.7 ьF 99.7 99.7 99.9 500| 95.5 400| 95.5 300| 95.5 99.2 99.2 99.2 99.7 99.7 99.9 99.7 99.7 99.7 99.7 GE GE 99.4 99.4 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.0 99.5 GE 99.0 99.4 99.5 99.9 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 2001 95.5 99.0 99.2 99.5 99.9 99.9 99.9 100.0 100-0 100.0 100.0 100.0 100 | 95.5 99.C 100.0 100.0 100.0 ůE 99.9 99.9 99.9 100.0 100.0 100.0 100.0 C1 95.5 99.0 99.2 ... 99.5 100-6 100.0 100.0

## PLRCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

CEILING VISIBILITY IN STATUTF MILES IN   GE GE GE GE GE GE GE GE GE GE GE GE GE	GE O
CEILING VISIBILITY IN STATUTE MILES	GE
IN   GE GE GE GE GE GE GE GE GE GE GE	
	0
FEET   10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/6 1/2 5/16 1/4	••••••
NO CEIL   77.7 78.8 78.6 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1	79 -1
VE 200431 80.9 81.9 81.9 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3	82.3
UE 18000 81.0 82.1 82.1 82.4 82.6 82.6 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7	82.7
be 160001 61.8 42.6 82.6 83.2 83.3 83.3 83.5 83.5 83.5 83.5 83.5 83.5	83.5
LE 14CID] 34.7 85.8 85.8 86.1 86.3 86.3 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4	86 •4
GE 12000  86.8 88.2 88.2 88.5 88.7 86.7 88.8 88.8 88.8 88.8 88.8 88.8	88 .8
UE 10000  69.1 93.5 93.5 90.8 91.0 91.0 91.1 91.1 91.1 91.1 91.1 91.1	91.1
	91.7
GE BOND 90.7 92.1 92.1 92.5 92.6 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7	92.7
UE 7 GG   97.8 92.2 92.2 92.6 92.7 92.7 92.9 92.9 92.9 92.9 92.9 92.9	92.9
GE 6CUQ  92.7 94.4 94.4 94.8 94.9 94.9 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95	95.0
UE 5CODI 54.3 96.1 96.4 96.4 96.6 96.6 96.7 96.7 96.7 96.7 96.7 96.7	96.7
LE 4500  54.5 96.3 96.4 96.8 96.9 96.9 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97	97.1
LE 4000 95.3 47.2 97.3 97.7 97.8 97.8 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98	98 .0
GE 3530 95.3 97.3 97.5 97.8 98.0 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1	98 .1
0E 3000 95.4 97.5 97.7 98.1 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3	98.3
UL 3UUU 7304 7103 7101 7001 7002 7002 7003 7003 7003 7003 7003 7003	70.13
GE 25001 95.4 97.8 98.1 98.5 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7	94 .7
GE 2000 45.4 97.8 98.1 98.5 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7	98 .7
UE 1800 95.4 97.8 98.1 98.5 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7	98 .7
UE 1540 95.4 97.6 98.1 98.5 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7	98.7
GE 12001 95.8 98.2 98.5 98.9 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99	99.1
LE 10001 95.8 98.2 98.5 98.9 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99	99 .2
- 6E 900  95,8 98.3 98.6 99.0 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2	99.4
LE 800  55.8 98.5 98.7 99.1 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4	99.5
UE 703 95.8 98.5 98.7 99.1 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4	99.5
LE 600) 55.8 98.5 98.7 99.1 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4	99.6
GE 503  95.8 98.5 98.7 99.1 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4	99.7
LE 40C  55.8 98.5 98.7 99.1 59.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5	99 ,9
GE 7JD1 95.8 98.5 98.7 99.1 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.5	99.9
Wa	100.0
uf 100  95.8 98.5 98.7 99.1 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6	00 -0
UE 01 95.8 98.5 98.7 99.1 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6	00.0

### PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747342 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: MAR HOURS (LS HOURS (LST): 0600-0800 CE IL ING VISIBILITY IN STATUTE MILES GE GE GE 1 GE GE GE GE SE GE GE 2 1 1/2 1 1/4 FEET 1 3 2 1/2 7.0 6 5 3/4 5/8 1/2 5/16 NO CEIL | 73.5 75.3 76.2 75.8 75.9 76.1 76.1 76.1 76.1 76.1 76.2 76.2 76.2 76.2 76.2 76.2 6E 200001 77.6 GE 160001 78.1 GE 160001 79.1 79.7 80.4 81.5 82.0 82.5 81.1 80.6 80.6 61.3 80.6 80.6 81.3 82.3 80.6 81.3 82.3 80.8 83.8 81.4 82.4 85.4 80.8 81.4 80.8 81.4 82.4 80.8 81.4 82.4 80.8 81.4 82.4 80.8 81.4 82.4 80.4 81.3 82.3 82.3 82.2 62.3 82.4 82.4 GE 140001 81.8 GE 120001 85.0 85.2 85.4 85.4 94.2 85.0 85.1 85.2 85.2 85.2 85.4 85.4 85.4 85 .4 88.3 48.4 88.4 88.4 68.5 88.5 90.6 90.8 91.0 92.4 91.0 91.1 92.5 GE 100001 87.3 90.7 90.8 90.8 90.8 91.0 92.4 91.0 9000| 67.4 8000| 88.8 7000| 89.2 6000| 91.2 89.9 91.0 92.4 91.1 92.5 92.9 92.7 90.8 92.2 91.C 92.4 91.0 91.1 92.5 91.1 91.1 92.5 91.1 91.1 91.7 93.8 92.5 92.7 92.7 92.7 92.9 92.9 92.9 92.6 92.7 92.7 92.9 92.9 95.5 95.7 95.8 üΕ 50001 92.2 94.8 95.8 95.8 95.8 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.8 96.7 97.7 97.7 96.7 97.7 97.7 96.7 97.7 97.7 45001 93.0 40001 94.0 96.3 96.4 96.6 96.6 96.6 96.6 96.6 96.7 97.7 96.7 97.7 97.7 96.7 97.7 ĿΕ 95.5 96:7 97:7 Œ 96.6 G€ 35301 94.0 97.3 97.5 97.6 97.6 97.6 97.6 97.6 97.7 97.7 97.7 ĿΕ 3001 94.3 96.6 97.7 98.1 98.1 98 - 1 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 2500| 94.4 2000| 94.5 1800| 94.5 1500| 94.5 98.5 98.5 98.7 98.7 98.6 99.9 98.9 99.0 98.6 98.9 98.9 98.6 98.9 98.9 98.6 98.9 98.9 98.9 99.0 98.6 98.9 98.9 99.0 ĿĘ ∪E 96.9 97.2 97.8 98.1 98.2 98.2 98.5 98.5 98.7 98.6 98.9 98.6 98.5 98.7 98.7 98.1 98.3 98.9 98.7 GF 97.2 97.2 98.1 98.1 96.3 98.3 98.5 98.9 98.9 98.9 99.0 99.0 99.0 98.6 98.9 ĠΕ 96 . 6 99.0 99.1 12001 94.6 99.0 99.1 GE 97.3 98.2 98.5 99.0 99.1 99.1 99.1 99.1 99.1 1000| 94.6 900| 94.8 600| 94.8 730| 94.8 97.3 98.3 98.6 98.7 98.9 98.9 99.0 99.1 99.1 99.4 99.1 99.4 99.2 99.5 99.2 99.5 99.2 99.5 99.4 99.6 99.4 99.6 99.4 99.4 97.5 97.5 98.5 98.5 99.6 99.6 LE 99.4 99.4 99.4 99.5 99.6 99.6 99.6 99.0 99.4 99. O 97.5 98.5 99.0 99.4 99.5 99 .6 GF 98.7 99.0 99.4 99.5 99.5 99.5 ĿΕ 99.0 99.0 99.4 99.4 99.5 5001 94.8 4001 94.8 3001 94.8 2001 94.8 99.5 99.5 99.6 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.6 99.7 GE 97.5 97.5 97.6 97.7 98.5 98.7 99.0 99.4 99.5 99.6 99.6 99.7 99.6 99.6 GE 98.5 98.6 98 . 7 98 . 9 99.0 99.4 99.5 99.6 99.6 99.1 GΕ 99.0 100.0 98.7 99.2 99.2 99.6 99.6 99.9 99.9 100.0 100-0 100: 94.8 97.7 99.2 99.9 98.7 99.4 99.2 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100.0 98.7 1.F 01 94.0 97.7 99.0 99.2 99.2 99.6 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100.0

100

PEHCLYTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62
MONTH: MAR HOURS(LST
CEILING VISIBILITY IN STATUTE MILES

													HONTH	: MAR	HOURS	(LST):	0900-1	106
ĊĖ	IL ING	••	• • • • •	• • • • • • •	•••••	•••••	• • • • • • •		VISI	BILITY	IN STAT	OTE MIL	•••••• ES	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	•••••
	IN	ı		GΕ	GE	GE	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE
F	EET	ı	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	້າ
••	••••	••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •
NO	CEIL	ı	72.8	74.6	74.9	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75 0		7.	
					, ,	13.0	, , , ,	,3,,	,,,,,	13.0	13.0	/5.8	1340	15.8	75.8	75.8	75.8	75.8
			77.6	79.9	80.5	81.2	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
			77.7	0.08	a0.7	81.3	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
			78.6	80.9	81.6	82.2	62.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
			g3.7	93.1	83.7	84.7	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE	1200	o t	85.4	87.9	88.5	89.6	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	9C •1
ĿΕ	1000	0	86.3	88.8	89.4	90.5	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
ĿΕ	900	0 [	86.3	38.8	89.4	90.5	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
G€			86.5	89.1	89.7	90.7	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GΕ			87.C	89.6	90.2	91.2	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE	PC0	0	89.1	91.7	92.4	93.4	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93,9	93.9	93.9	93.9
GE	SCO	c i	90.5	93.3	93.9	94.9	05.0	00.0	05 "									
GE			90.8	93.6	94.3	95.3	95.0 95.4	95.0 95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
LE			91.7	94.5	95.3	96.3	96.4	96.4	95.8	95.8	95.8	95.8	95.8	95 • 8	95.8	95.8	95.8	95 .8
GE			92.2	95.2	95.9	96.9	97.1	97.1	96.8 97.5	96.8 97.5	96.8 97.5	96.8	96.8	96.8	96.8	96.8	96.8	96 •8
GE			92.6	95.7	96.4	97.5	97.7	97.7	98.1			97.5 98.1	97.5	97.5	97.5	97.5	97.5	97.5
		٠.		, , ,	,,,,,	71.5	****	7141	98 • 1	98.1	98.1	70.1	98.1	98 - 1	98.1	98.1	98.1	98.1
ÜE			93.C	96.1	96.8	97.8	98.2	96.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
ĢΕ			93.1	96.2	96.9	98.U	98.3	96.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
CE			93.1	96.2	96.9	98.0	98.3	98 • 3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
υE			93.1	96.3	97.3	98.3	98.7	98-7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
ĿΕ	123	οl	93.1	96.3	97.3	98.3	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
GE	100	o I	93.1	96.3	97.3	98.5	99.0	99.6	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
υE	90	σĺ	93.1	96.3	97.3	98.5	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.9	
GΕ			93.1	96.3	97.3	98.5	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.9	99.9 99.9
ьE	731	0 (	93.1	96.3	97.3	98.5	99.2	99.2	99 . 6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
ζE	636	υI	93.1	96.3	97.3	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	59.6	99.9	99.9	100.0	100.0
	• 0.	٠.										-	-					
LE			93.1	96.3	97.3	98.5	99.2	99 • 2	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE GE			93.1	96.3	97.3	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE			93.1	96.3	97.3	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99,9	99.9	100.0	100.0
GE			93.1	96.3	97.2	96.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99,9	99.9	100.0	0.001
UL	101	•	7365	96.3	97.3	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
ĿΕ	;	04	93.1	96.3	97.3	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0	100.0
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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUGHY OBSERVATIONS

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A.

STATION NUMBER: 747343 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: MAR HOURS (LST): 1200-1400 CE 1L 11.6 VISIBILITY IN STATUTE MILES GE GL GE GE GE 2 1 1/2 1 1/4 GE IN FEET GΕ GE GΕ GE GE GE 3 2 1/2 ٥ 6 5 1/2 5/16 1/4 NO CETL | 67.3 69.7 70.1 70.5 70.6 70.6 71.0 71.C 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 77.5 77.7 79.5 GE 200001 72.3 GE 180001 72.3 75.7 75.7 76.8 77.1 77.0 77.2 77.4 77.6 77.7 78.0 77.7 78.0 77.7 78.0 77.0 77.5 77.7 77.7 77.7 77.7 77.2 76.5 78.0 77.7 78.0 78.0 78.0 79.8 GE 160001 74.0 17.5 78.2 78.9 79.0 79.0 79.4 79.5 79.8 79.8 79.8 79.8 79.8 79.8 UF 14000| 76.1 CE 12000| 79.4 79.6 80.5 84.0 81.3 81.4 81.8 GE 100001 60.9 86.8 87.5 87.5 87.5 94.6 85.8 86.6 86.8 87.2 87.3 87.3 87.5 87.5 87.5 87.5 90001 80.9 80001 61.2 70001 81.8 LE LE 84.6 65.8 66.0 86.6 86.8 86.8 87.2 87.2 87.5 87.3 87.7 87.3 87.5 87.9 87.5 87.9 87.5 87.9 87.5 87.9 87.5 87.9 87.5 87.9 87.5 87.9 70001 81.8 60001 85.2 88.2 90.3 87.8 87.6 88.5 92.7 88.5 92.7 91.4 91.7 91.7 92.5 92.5 92.7 92.7 92.7 92.7 92.7 50001 65.9 LE 89.9 91.1 92.1 92.5 92.5 93.0 93.3 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.3 91.6 93.5 95.4 45001 86.4 90.5 93.0 93. G 93.8 93.8 94.0 94.0 94.0 94.0 94.0 94.6 94.0 92.2 96.1 97.3 40001 68.2 94.5 94.9 94.9 96.1 97.3 96.1 97.3 96.1 97.3 96 •1 97 •3 ĠΕ 95.7 95.7 96.1 35001 96.7 96.9 97.3 97.3 94.7 95.8 96.2 96.2 96.9 4E 30001 90.5 95.7 97.2 97.7 98.0 98.0 98.3 98.3 98.3 98.3 98.3 98.3 98.9 99.1 99.2 96.1 98.9 99.1 98.9 99.1 6E 25001 90.8 94.9 97.2 97.7 97.7 98.2 98.5 98.5 98.9 98.9 98.9 98.9 2000| 91.0 1800| 91.1 1500| 91.2 95.2 97.5 98.0 96.5 98.0 98.5 98.7 98.7 99.1 99.1 99.1 99.1 99.2 UΕ 95.3 96.8 97.6 98.1 96.1 98.6 98.9 98.9 99.2 99.2 99.2 98.5 98.5 98.0 99.6 6E 99.0 99.2 99.2 99.6 99.6 99.6 99.6 99.6 99.6 12:51 99.0 99.2 99.7 99.7 99.7 99.7 99.7 99.7 99.7 16001 91.2 95.5 96.6 ر. 98 98.5 98.5 99.0 99.2 99.2 99.7 99.7 99.7 99.9 900| 91.2 600| 91.2 700| 91.2 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 95.5 98.5 99.0 99.2 99.7 LE 96.8 96.6 96.5 99.2 98.5 98.5 98.5 99.2 SE 96.6 96.4 98.5 6E 99.0 99.7 í.E 6301 91.2 95.5 96.8 98 . .. 96.5 99.0 99.2 99.2 99.7 99.7 99.7 99.9 99.9 99.9 99.9 6.F 98.5 98.5 99.2 99.2 99.2 99.2 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 5001 91.2 95.5 96.8 98.4 96.5 99.0 99.7 99.7 4001 91.2 96.8 98.5 99.0 99.7 99.7 95.5 96.3 99.9 GE GE 3001 91.2 1001 91.2 95.5 95.5 99.0 99.7 99.7 99.7 99.7 99.7 99.7 96.0 98.5 98.5 99.2 99.2 99.7 98.5 96.8 98.4 98.5 99.2 99.2 99.7 99.7 98.3 1301 91.2 99.3 100.0 100.0 01 91.2 99.9 GE 99.9 100.0 100.0

GLOBAL CLIMATOLOGY ERANCH USAFETAC

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY $F_{ROM}$ Houghy observations

AIR WEATHER SERVICE/MAC STATION NUMBER: 74734C STATION NAME: WHITE SANUS MR NM PERIOD OF RECORD: 53-62 MONTH: MAR HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CE IL ING E GE GE 2 1 1/2 1 1/4 GE GΕ FEET | 3 2 1/2 10 4 1 3/4 5/8 1/2 5/16 1/4 O NO CETE 1 65.4 69.9 68.0 68.6 69.7 69.9 69.9 69.9 69.9 69 • 9 69.9 69.9 69.9 69.9 69.9 69.9 GE 200001 70.4 GE 180001 79.6 76.2 76.8 77.5 76.8 77.5 76 · B 77 · 5 74.0 74.9 76.8 76.8 75.1 76 .8 77.1 77. 1 77.1 77.1 77.1 77.5 77.5 77.5 77.5 74.2 GE GE 160001 71.6 75.3 76.2 77.9 78.1 78.1 78.1 78.1 78.5 81.0 78.5 78.5 78.5 78.5 78.5 78.5 78 - 1 140001 83.6 77.6 78.5 80.6 80.6 60.6 80.6 81.0 81.0 81.0 81.0 81.0 GE 120001 76.3 03.1 85.3 85.5 85.5 85.5 85.5 85.9 85.9 85.9 85.9 100001 95.5 ĿΕ 90001 78.1 81.9 83.1 85.3 85.7 85.5 85.9 85.5 85.9 86.5 85.5 85.5 85.5 85.9 86.3 85.9 85.9 85.9 85.9 85.9 86.3 85.9 86.5 91.1 GΕ 80001 78.5 85.9 85.9 86.3 86.3 86.3 86.3 86.5 86.8 91.5 86.8 86.8 70001 78.9 82.8 86.5 86.8 86.8 86.8 86.8 88.2 90.5 91.9 6000 62.3 91.3 91.8 91.9 91.9 93.4 94.1 96.6 97.3 97.7 93.4 94.1 96.6 GE 50001 63.7 88.4 89.2 91.7 91.9 92.4 92.4 92.6 92.6 92.6 93.0 93.2 93.2 93.4 93.4 94.1 89.6 93.2 90.4 92.8 93.4 92.7 95.2 95.7 94.0 94.0 GE 4500 84.5 93.2 93.4 93.4 93.4 93.8 95.8 96.5 95.8 96.5 96.6 GE GE 40001 67.0 95.7 96.4 95·8 96.5 96.2 96.9 96 .6 97.3 35001 67.2 GΕ 30001 87.6 93.6 96.1 96.7 97.3 97.7 97.7 97.7 98.4 98.7 96.9 97.5 97.8 97.8 97.3 97.7 98.4 98.7 96.1 96.7 97.5 98.3 97.5 98.3 (.F 25001 67.6 92.6 93.8 96 • 7 96.9 96.9 97.7 97.7 98.4 98.7 97.5 97.8 97.8 97.5 97.8 97.4 97.7 97.7 98.0 98.4 96.5 94.1 94.4 94.4 97.4 GE 20001 87.9 93.0 98.7 97.7 97.7 98.3 98.3 GΕ 1600| 88.2 93.2 96.7 98.6 98.6 98.6 98.7 1500| 88.2 97.8 98.6 98.7 98.7 GE 93.2 96.7 98.7 98.7 10001 88.2 GE 97.9 97.9 98.4 98.7 98.8 99.1 99.1 99.2 99.2 93.2 94.4 96.7 97.8 97.8 97.9 900| 88.2 800| 88.2 700| 88.2 600| 88.2 94.4 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 93.2 93.2 96.7 96.7 97.8 97.8 98.4 98.7 98.8 98.8 99.1 99.1 99.1 99.2 99.2 GE 96.7 97.8 98.4 98.4 99.7 98.8 99.1 99.1 93.2 96.7 97.8 99.1 99.2 5001 58.2 94.4 94.4 94.4 94.4 97.9 97.9 97.9 98.7 98.8 99.1 99.2 93.2 97.8 97.8 98.4 úΕ 96.7 97.9 97.9 97.9 97.9 97.9 97.9 99.1 99.1 99.6 99.2 99.2 99.7 4001 89.2 3001 88.2 2001 88.2 97.8 97.8 97.8 97.9 98.4 98.7 98 . 8 98 . 8 99.1 99.1 99.6 99.2 93.2 76.7 93.2 93.2 97.8 97.8 98.4 98.4 98.7 űΕ 96.7 96.7 96.7 97.8 97.9 99.1 99.7 GE 1001 88.2 93.2 94.4 97.8 97.9 97.9 97.9 98.7 99.2 99.3 99.9 99.9 100.0 100.0 97.8 97.8 ĢΕ 01 88.2 93.2 94.4 97.9 97.9 97.9 98.7 99.2 .... 99.9 99.9 100.0 100.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-56,58-62
MONTH: MAR HOURS(LST): 1800-2000 STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM CE IL ING VISIBILITY IN STATUTE MILES G€ G€ GΕ 6E 2 1 1/2 1 1/4 FLET 10 5 3 2 1/2 3/4 5/8 NO CEIL | 69.1 73.2 71.8 72.6 73.0 73.2 73.4 75.7 71.7 74.3 74.3 74.3 74.3 74.3 GF 200001 72.5 70.5 79.2 87.5 77.3 78.0 77.4 78.1 78.0 78.5 79.2 75.7 76.7 77.4 77.7 78.0 74.5 74.5 78.5 78.5 78.5 GE 18000; 72.9 GE 16000; 73.7 GE 14000; 77.3 GE 12000; 79.2 79.2 77.4 78.7 82.5 78.4 79.7 78.7 79.2 79.2 76.1 79.4 78.7 79.2 79.2 80.5 76.4 77.7 79.2 79.4 79.9 79.9 80.5 80.5 6g.5 80.5 83.2 85.2 84.9 84.9 84.0 84.3 84.3 84.9 84.9 84.9 84.9 86.3 GE 100001 60.8 85.0 86.3 86.7 86.9 87.3 87.6 87.9 88.4 4.88 68.4 86.4 88.4 88.4 86.2 86.6 87.2 86.9 87.3 87.7 9:001 60.9 95.2 87.0 87.4 87.9 87.7 88.C 88.9 88.6 89.0 88.6 89.0 88.6 88.6 89.0 88.6 88.6 87.4 70001 61.6 49.4 96.0 88.3 93.4 88.6 93.6 88.8 88.8 89.4 89.4 89.4 89.4 89.4 89.4 6C001 86.4 91.1 92.1 92.8 92.9 94.8 94.8 94.8 GE 93.9 94.5 94.8 93.4 94.9 95.3 GE 50001 87.7 92.4 94.1 94.2 94.6 95.1 95.2 95.2 95.8 96.0 96.0 96.0 96 .0 96.0 96.0 4530| 87.9 4000| 89.1 94.5 96.0 96.2 95.6 97.2 97.3 96.5 98.0 98.2 93.8 95.2 95.3 95.6 97.2 96.2 97.7 96.5 96.5 98.0 98.2 96.5 98.0 98.2 GE GE 72.7 93.9 94.6 96.5 96.5 96.2 96.3 96.9 97.0 97.2 96.6 97.3 97.5 97.9 35 ugl 94.1 6E 30001 89.3 94.2 95.5 96.3 96.5 96.9 97.5 98.0 98.3 98.3 98.3 98.3 98.3 98.6 99.2 99.2 99.2 96.6 97.2 97.2 GE 25001 89.4 20001 90.0 97.7 98.3 97.7 98.3 98.9 98.6 99.2 98.6 99.2 98.6 99.2 9a .6 99 .2 95.8 97.2 97.5 98.6 98.0 99.2 96.3 96.3 96.3 95.1 97.3 97.7 18001 90.0 97.7 97.7 98.3 98.3 98.4 99.2 99.2 5. 99 5. 99 95.1 98.0 98.9 99.2 98.3 99.2 97.2 97.3 99.2 12801 90.1 99.3 99.3 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.9 99.4 99.4 99.4 99.4 99.4 97.5 97.5 97.5 10001 90.3 96.6 96.6 96.6 98.3 98.6 99.4 99.9 99.9 GΕ 97.6 98.0 95.3 99.9 98.0 98.0 98.0 98.6 98.6 98.6 98.6 98.6 98.6 98.6 99.4 GE GE 9001 90.3 8001 90.3 95.3 95.3 97.6 97.6 98·3 98·3 99.9 99.2 99.2 99.4 GE GE 98.3 98.3 7001 90.3 6401 90.3 05.3 96.6 98.0 98.6 99.2 99.9 5001 90.3 4001 90.3 3001 90.3 97.6 97.6 97.6 98.0 98.0 98.0 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 88.4 99.4 99.6 99.4 99.4 99.4 99.9 99.9 99.9 99.4 99.4 99.9 9**1.**9 GE 96.6 97.5 98.3 98.6 98.6 97.5 96.6 98.3 98.6 98.6 98.6 95.3 95.3 GE 99.4 99.9 99.6 100.0 6E 2001 90.3 95.3 96.6 96.6 97.5 97.6 98.3 98.6 98.6 99.4 100.0 97.5 98.3 100.0 100-0 99.4 99.6 99.6 100.0 100.0 98.0 98.6

# PLHCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DUSERVATIONS

					ON NAME:		•					PERIOD MONTH	OF REC	ORD: 53 +9UR\$	-56.58- (LST);	62 2100-23	00	
	LING	• • • • • •	• • • • • • •	•••••	•••••		•••••			IN STATE		 F C	••••	• • • • • • •	•••••	• • • • • • •	••••	•
	N 1	GE	GΕ	GE	G€	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	
	ÊT İ		- 6	- 5	4		2 1/2			1 1/4	1	3/4	5/8	1/2	5/16	1/4	۵	
		•												• • • • • • •	_			
			• • • • • • • •														••••	
NO	CEIL I	74.6	77.4	77.8	78.1	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.6	76.8	78.8	
ĢΕ	200001	78.5	81.9	82.3	82.6	82.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE	Tachel	78.7	82.3	62.8	83.1	83.3	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.6	63.6	
	160001		83.3	a3.8	84 . ú	64.3	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
	147001		96.6	87.0	87.4	87.9	87.9	88.1	88.3	88.3	88.3	86.3	88.3	88.3	68.3	88.3	88.3	
GE	120001	84.3	88.4	85.6	89.3	89.7	89.7	90.0	98.1	90.1	90.1	98.1	90.1	90.1	90 - 1	90.1	9C •1	
_								_										
	100001		39.0	89.4	89.8	90.3	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
	90001		89.1	89.5	90.0	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90 <b>. g</b>	90.8	
ÇΕ	PLOSI		89.7	90.1	90.5	91.3	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
6E	70001		90.1	90.7	91.1	91.5	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
ĿΕ	9C001	89.4	94.2	94.8	95.2	95.6	95.6	96.0	96,2	96.2	96 • 2	96.2	96.2	96.2	96.2	96.2	96 .2	
	-5001	-0.7			04 5		04 0	97.3	03.6			07.6			0- 6			
GE GE	50001		95.5	96.0	96.5	96.9	96.9		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
	4500		95.8	96.3	96 • 8	97.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
6E	4000		96.6	97.2	97.6	98,0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE	35 gg		97.0	97.6	98.0	98.4	98.4	98,9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE	30001	92.1	97.2	97.7	98.2	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GΕ	25001	62.1	97.3	97.9	98.3	99.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE	20001		97.3	97.9	98.3	98.7	96.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE	18001		97.3	97.9	98.3	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GΕ	15001		97.3	97.9	98.3	98.7	96.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
6E	12001		97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
		,,,,	,,,,		,,,,	,,,,		,,,,,						•••				
GE	10001	92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
GE		92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
GE		92.4	97.6	98.2	98.6	99.0	99.0	99 4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
LE.		92.4	97.6	98.2	9å.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
GE		92.4	97.6	98.2	98.6	99.0	99 · B	99.4	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	
														•		•		
65	5001	92.4	97.6	98.2	98.6	99.0	99. D	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	106.0	
CE		92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
GE	300 [	92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
ĿΕ	2001	92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100 •Õ	
GE	1301	92.4	97.6	98.2	98.6	99.0	99.0	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	160.0	100-0	
																	-	
ĿΕ	C (	92.4	97.6	98.2	98 . 6	99.0	99.0	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	
•••	• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •	•• ••• •	•••••	•••••		• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••	•

TOTAL NUMBER OF OBSERVATIONS:

7U8

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: MAR HOURS(LS HOURS(LST): ALL CE IL ING VISIBILITY IN STATUTE MILES GE GE GE GE GE GE GE 2 1 1/2 1 1/4 GE GE 5/16 IN FEET GE GE GE 1/2 1 10 4 3 2 1/2 6 5 3/4 1/4 Ω 75.3 75.4 NO CE1L 1 72.1 74.2 74.6 75.2 75.2 75.4 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.6 78.8 79.1 80.2 79.3 79.7 80.7 79.6 80.2 81.3 GE 200001 76.2 60.0 80. Q 80.1 80.2 80.4 80.4 80.4 80.4 60.4 60.8 80.4 80.2 80.4 GE 180001 76.4 GE 160001 77.4 GE 140001 80.0 8C.4 80.6 81.7 80.6 80.6 81.7 84.7 80 8 81.9 80.8 80.8 81.9 84.8 80.8 81.9 84.8 83.4 80.6 80 .8 81.9 81.9 az.9 83.5 84.3 84.4 84.6 84.8 84.2 87.4 87.9 87.9 GE 120001 82.8 85.6 86.5 87.2 87.4 87.6 87.7 87.7 87.9 87.9 87.9 87.9 89.4 89.7 90.3 89.6 GE 10000| 84.5 97.5 88.2 88.9 69.1 89.2 89.4 89.4 89.6 89.6 89.6 89.6 89.6 89.2 89.6 90.3 89.8 90.4 90.9 89.8 90.4 90.9 90001 84.8 80001 65.3 88.4 89.0 89.3 89.4 90.0 89.6 90.2 89.7 89.8 89.8 90.4 89.8 90.4 89.8 90.4 a7.6 89.8 88.4 90.4 90.9 99.3 70001 85.8 89.5 90.8 90.9 90.9 ŝΕ 90.4 90.5 90.7 90.8 90.9 90.9 92.1 93.8 93.8 94.1 94.2 94.4 94.2 94.3 5000| 89.9 4500| 90.3 4700| 91.5 95.4 95.8 97.2 95.4 95.9 97.2 95.4 95.9 97.2 93.4 95.1 95.6 95.6 95.7 95.7 95•7 96•2 97•5 95.7 95.7 95.7 94.0 94.8 GE GE 93.8 94.5 95.3 96.6 95.5 96.1 97.4 96.1 97.5 96.1 97.5 96.2 96.2 96.2 96.8 96 · 9 97.7 ĠĒ 35 40 1 91.9 95.5 97.0 97.6 97.7 97.9 97.9 97.9 97.9 97.9 97.9 30001 92.2 96.6 97.7 98.0 98. i 98.3 GΕ 95.8 97.4 97.8 98.3 98.3 98.4 98.4 98.4 98 .4 . 97.7 25001 92.3 20001 92.5 18001 92.5 15001 92.5 96.9 97.1 97.1 97.2 98.3 98.3 98.3 98.5 98.4 98.6 98.6 98.8 98.7 98.9 99.0 98.7 98.9 99.0 99.1 98.7 99.0 99.0 99.1 98.7 99.0 99.0 99.1 98.7 99.0 99.0 99.1 GF 96.1 96.3 98.0 98.4 98.7 98.4 98.7 98.6 98.9 98 .7 99 .D 98.2 96.4 98.7 98.9 99.0 98.1 98.7 98.8 99.0 GE 99.1 98.4 99.1 GΕ ĿĒ 1200 92.7 96.6 97.4 96.2 98.6 98.6 98.9 99.0 99.0 99.2 99.3 99.4 99.4 99.4 99.4 97.4 97.5 97.5 97.5 99.1 99.1 99.2 99.2 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.7 98.7 98.6 99.3 99.4 99.4 99.5 99.5 99.6 1001 92.7 96.6 96.6 98 • 3 96 • 3 99.0 99.1 99 .6 LE 99.7 98.7 98.7 98.7 9001 92.7 99•1 99•1 99.1 8001 92.7 7001 92.7 98.3 98.3 98.8 99.2 99.4 99.5 99.6 99.7 ĹĒ 96.6 96.6 99.1 99.6 LE. 6001 92.7 96.6 99.6 99.7 99.7 GE 5001 92.7 98.7 98.8 98.8 99.2 99.2 99.2 99.5 99.5 99.6 98 • 8 98 • 8 98 • 8 99.2 99.4 99.6 99.8 96.6 97.5 98.3 99.1 GE 4661 92.7 7601 92.7 96.6 97.5 98.3 98.3 99.1 99.1 99.2 99.4 99.5 99.5 99.6 99.8 99.8 űΕ 99.6 99.8 2001 92.7 99.2 99. 3 99.3 99.5 99.6 99.8 100.0 100.0 99.7 96.7 97.5 98.3 98.8 99.2 99.3 99.3 99.6 99.9 100.0 100.0 99.3 GF 01 92.7 96.7 97.5 98.3 96.8 99.2 99. 1 99.6 99.7 22.7 99.9 99.9 100.0 100.0

GLUBAL CLINATOLOGY BRANCH LSAFETAC

### PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY $\sigma_{b}s_{e}r$ varions

AIR WEATHER SERVICE/MAC PERIOD OF RECORD: 53-62 STATION NUMBER: 747342 STATION NAME: WHITE SANUS MR NM MONTH: APR HOURS (LST): 0000-0200 VISIBILITY IN STATUTE HILES GE GE 3 2 1/2 IN I FEET I GE GE GE 2 1 1/2 1 1/4 GE GE GĘ GΕ GE 5 5/8 1/2 5/16 0 89.8 89.8 89.8 88.9 91.1 91.3 91.3 92.3 92.5 92.5 93.3 92.3 92.5 92.5 93.3 91.4 92.3 92.5 92.3 92.5 92.3 92.5 200001 90.9 91.4 92.3 92.3 92.5 92.3 92.3 92.3 92.5 92.5 93.3 91.0 91.5 91.5 UE 180001 68.9 91.5 92.5 9<sub>2</sub>.5 92.5 92.5 92.5 160001 88.9 14001 89.7 92.5 93.3 92.5 92.5 93.3 91.5 91.5 92.5 92.5 91.0 91.8 92.1 93.3 92.3 92.3 92.3 93.3 93.3 92.3 120001 95.1 96.0 96.D 96.0 96.0 96.0 96.0 95.1 95.1 95.9 95.9 97.1 97.1 97.1 GE 100001 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 75.6 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 93.4 96.2 97.1 97.1 96.2 96.2 97.1 97.1 97.9 űĒ űĒ 90001 93.4 96.2 96.2 97.1 97.1 97.1 97.1 97.1 97.1 95.6 96.2 95·6 96.4 95.9 96.7 96.2 97.0 97.9 97.0 700Ci 94.0 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 GE 6:001 95.0 97.4 97.6 97.9 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 99.7 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 GE 50001 45001 95.9 98.3 98.5 98.7 98.8 98.9 98.8 98.8 99.7 99.9 99.7 99.7 98.4 98.9 98.9 99.9 45001 96.0 GF 98.7 98.9 98.9 99.9 99.9 99.9 99.9 99.9 GE 35001 96.C 98.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 98.4 98.7 96.9 99.9 98.7 98.7 98.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 98.9 98.9 98.9 99.9 99.9 99.9 99.9 99.9 25001 98.4 98.9 20301 96.0 18001 96.0 98.4 98.9 98.9 99.9 GE 98.9 99.9 99.9 99.9 ьE 15001 96.0 98.4 98.7 98.9 98.9 98.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 12001 56.0 98.4 98.7 98.9 98.9 99.9 99.9 98.9 10001 96.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 ĿE 99.9 98.9 99.9 98.4 98.7 96.9 98.9 900| 96.0 800| 96.0 98.7 98.7 98.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 98.4 98.9 98.9 99.9 99.9 99.9 100.0 100.0 99.9 99.9 100.0 6E 98.4 98.9 7001 96.0 98.9 100.0 100.0 100.0 100.0 100.0 GE 98.4 98.9 98.9 GΕ 6001 96.0 98.7 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 G.F 5001 96.C 98.4 98.4 96.1 98.9 98.9 98.9 98.9 96.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4001 98.7 99.9 100.0 99.9 GE 96.0 98.9 99.9 99.9 100.0 100.0 3001 96.0 100.0 GE 98.4 98.7 98.9 98.9 98.9 99.9 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 ĞΕ 2001 96.C 98.4 98.7 98.9 98.9 98.9 99.9 99.9 99.9 100.0 100.0 100.0 96.0 100.0 100.0 C1 96.C 98.7 98.9 100.0 100.0 100.0 96.9 99.9 98.9

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## PLHCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

ST.	STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM							PERIOD OF RECORD: 53-62									
													: APR			0300-05	
er.		• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • •	•• ••• • •	• • • • • • •					• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••
	16.17:G 14	G£	GE	GE	GE	GE	GE	QE A121	GF	IN STAT	GE WIL	GE	G£	GE	GE	GE	GE
		7.0	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	ν.
		-		•		,	•	_	1 4/2				3/0		27.10	1/4	U
••	• • • • • • •	•••••	• • • • • • • •	•••••	•••••	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •	••••
NO	CEIL I	64.3	35.8	86.1	86 • 4	87.0	87.2	87.4	87.4	67.4	87.6	87.6	87.6	87,6	87.6	67.6	87.6
GΕ	200001	86.5	88.2	88.5	88.8	89.4	89.6	8.96	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	180001		88.4	88.6	88.9	89.6	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	160001		88.4	88.6	88.9	89.6	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE	140001	88.1	89.8	90.1	90.3	91.0	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE	120001	91.7	93.4	93.7	93.9	94.6	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
			-	•	•												
GE	100001	53.1	94.8	95.1	95.4	96.0	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
űE	9000 (		95.2	95.5	95.4	96.4	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
υE	PC001	93.5	95.2	95.5	95.8	96.4	96.6	96.8	96.8	96.8	97.0	97.0	97.3	97.0	97.0	97.0	97.0
υE	7L001		95.8	96.0	96.3	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
ĢE	<b>6</b> 0001	95.0	96.7	97.0	97.2	97.9	98•0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98 .4
GΕ	50001	96.3	98.0	98.3	78.5	59.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
ųΕ	45001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ	40001	96.6	98.3	98.5	98.8	99.5	99. 6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
űE	35301	96.6	98.3	98.5	94.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥E	30001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	130.0	100.0	100.0	100.0
							_										
ĿΕ	25001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	130.0	100.0	100.0	100.0
GE	5000	96.6	98.3	98.5	98 • 8	99.5	99.6	94.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0
GE	18001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
ĿΕ	15001		98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0
GE	12001	96.6	98.3	98.5	98.6	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ	10001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	9001	96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1008	96.6	98.3	98.5	98 • 8	49.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	150.0	139.0	100.0
ĿΕ	7031	96.6	98.3	98.5	96 . 6	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6001	96.6	98.3	98.5	98.6	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5001	96.6	78.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		96.6	98.3	98.5	98 - 8	99.5	99.6	99.9	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0
ÜE		46.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.6	98.3	98.5	96.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100-0	100.0
űE		96.6	98.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	c I	96.6	78.3	98.5	98.8	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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USAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: APR HOURS (LST): 0600-0800 VISIBILITY IN STATUTE MILES CE IL ING GΕ 6E GŁ GΕ ٩£ GE GE GE GF GF G.F 6E GE FEET I 1 1/2 1 1/4 16 6 3 2 1/2 2 1 3/4 5/8 1/2 5/16 1/4 NO CEIL | 78.6 63.3 83.3 83.3 83.3 83.3 83.3 83.7 83.3 85.3 86.6 87.2 87.8 GE 200001 61.5 94.8 85.6 86.2 86.2 86.2 86.2 86.2 86.2 86 .6 GE 180001 82.0 GE 160001 82.7 94.5 85.8 86.4 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.6 87.2 87.2 87.2 87.4 87.8 87-4 87.8 88.5 89.4 GE 120001 87.2 91.1 91.7 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.5 92.5 92.5 92.5 100001 88.8 90001 89.0 80001 89.8 91.4 91.7 92.6 93.1 93.7 93.9 93.7 93.9 94.8 94.0 94.3 95.2 GE GE 92.7 93.6 93.3 93.5 93.7 93.9 93.7 93.9 93.7 93.7 93.9 94.0 94.3 94 .0 94 .3 91.7 94.0 94.3 93.9 95.9 94.8 GE 94.4 94.8 94.8 94.8 94.8 94.8 94.8 95.2 95.2 95.4 70001 90.3 94.4 95.0 95.4 95.4 95.4 95.4 98.1 95.4 95.4 95.8 95.8 95.8 95.8 6000 93.1 98.5 98.9 98.9 98.9 98.9 99.2 98.9 98.9 99.2 GE 50001 93.9 96.7 98.0 98.9 96.9 98.9 98.9 98.9 99.3 99.3 99.3 99.3 98.3 98.9 99.3 98.5 98 • 9 99 • 2 98.9 GΕ 45001 93.9 96.7 96.9 98.9 99.3 99.3 99.3 6E 400C1 94.2 97.0 98.3 96.6 99.2 99.2 99.2 99.6 99.6 35001 94.2 98.8 99.2 99.2 99.5 99.2 99.2 99.2 99.2 99.6 99.6 (.F 97.C 98.3 99.2 99.6 4. 00 98.5 99.9 99.9 ٥E 25001 94.6 97.4 98.7 99.2 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 99.6 2:03| 94.6 97.4 98.7 99.2 99.6 99.6 99.6 99.6 99.6 99.6 100.0 GE 99.6 99.6 100.0 100.0 100.0 GΕ 99.6 100.0 100 .0 16001 99.6 GE 98.7 99.6 99.6 100.0 100.0 100.0 100.0 12001 94.6 GE 97.4 98.7 99.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 97.4 GF 10001 94.6 98.7 99.2 99.6 99.6 99.6 99.6 99.4 99.6 4. PP 99.6 100.0 100.0 100.0 100.0 99.6 99.6 99.6 100.0 9001 94.6 97.4 99.6 99.6 99.6 98.7 99.2 99.6 99.6 GE 100.0 8001 94.6 ĞΕ 97.4 98.7 99.2 99.6 99.6 99.6 100.0 100.0 100.0 100.0 GE 7031 94.6 6001 94.6 99.6 99.6 99.6 99.6 99.6 100.0 100.0 98.7 99.2 99.6 99.6 100.0 GE 100.0 100.0 100.0 100 .D 99.6 99.6 99.6 100.0 50gl 94.6 97.4 98.7 98.7 99 • 2 99 • 2 99.6 99.6 99.6 ٥E 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 GΕ 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 100.0 37.4 97.4 97.4 98.7 98.7 98.7 99.6 99.6 99.6 100.0 7001 94.6 2301 94.6 99.2 99.6 99.6 99.6 99.6 99.6 100.0 100.0 100.0 99.6 99.6 100.0 6E 99.6 4. 99 99.6 100.0 100.0 99.6 99.6 100.0 100.0 99.6 99.6 100.0 100.0 01 94.6 99.6 99.6 99.6 99.6 100.0 100.0 6E 99.6 99.6

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	AT 10:	ı NI	JMBLR:	747340	STATION	NAME:	WHITE	SANDS	MR NM	NM PERIOD OF RECORD: 53-62								
													MONTH			(LST):	0900-11	00
			• • • • •	• • • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	• • • • • • •			* * * * * * *	* * * * * * * *	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••
	ILING				G€		GE	GΕ	GE A 121	GE	IN STATI	GE DIC MIC	GE	GE	GE	c-		
	IN Eet	ł		6E	5	GE 4		2 1/2		1 1/2		1	3/4	5/8		6E 5/16	GE 1/4	G E
		•	-			•	3					_	3/4	3/0	1/2	24.10	1/4	
•••••••••••••••••••••••••••••••••••••••													••••					
NO	CEIL	- 1	83.0	83.2	84.3	85.1	85.1	85.1	85.1	85.1	à5.1	85.4	85.4	85.4	85.4	85.4	85.4	85 .4
ÚE	2000	100	63.5	86.9	88.3	88.8	88.8	8.86	88.8	88.8	86.8	89.2	89.2	89.2	89.2	89.2	89.2	89 .2
GE	180	30 j	63.5	86.9	88.ú	88.6	88.8	86.8	86.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
			83.5	86.9	88.0	80.0	88.8	86. 6	88.8	88.8	88,8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
ÜΕ	1400	100	£4.1	87.6	88.6	89.4	69.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
ÜĒ	1200	101	86.6	90.3	91.4	92 • 2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	97.6
LE	1000	100	e7.8	91.7	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
G€			88.5	92.3	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	850	100	88.6	92.6	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94 .8
GE	700	100	89.0	93.0	94.3	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
ĿE	600	100	91.4	95.4	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE	500	100	92.2	96.2	97.2	96.0	98.0	98. D	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98 .4
ĿĘ	45	101	92.2	96.2	97.2	96.0	98.0	98.0	98.0	98.0	98.0	98.4	96.4	98.4	98.4	98.4	98.4	98.4
ĿΕ	430	100	92.9	97.6	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ijΕ			92.9	97.0	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ĹE	300	10 J	93.C	97.1	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	250	100	93.1	97.2	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
υĘ	200	oi	93.1	97.2	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
ĿΕ	180	100	93.1	97.2	98.4	99.4	99.3	99.3	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	150	100	93.1	97.2	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
6E	120	101	93.1	97.2	98.4	99 • 2	99.3	99.3	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99•9	99.9
υE	100	100	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
LE	9,	וֹסנ	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
٥Ę	8.0	100	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GÉ			93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
űĒ	6.0	100	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	5 (	100	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
6E	4 (	) oc	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE	30	l c	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
LΕ			93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99,9	iān.o	100.0	100.0	100.0	100.0	100.0
GĘ	11	101	93.1	97.2	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE		οl	93.1	97.2	98.4	99 • 2	99.5	99.5	99.5	99.5	99.5	99.9		100.0				100.0

TOTAL NUMBER OF OBSERVATIONS:

.1

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						N NAME:		ī					PERIOD Month	OF REC	HOURS	1-62 (LST):	1200_14	00
	LING	• • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • •	******					•••••	• • • • • • •	•••••	• • • • • • •	**********
	H LIKO		GE	GE	GE	GE	GE	GE	GE 4121	GE	IN STATE	GE TIE MIL	GE F 2	GE	GE	_	6 <b>E</b>	GE
	E T	i	10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	GE 5/16	1/4	9.0
	_		_							1 1/2	1 1/4		3/4					
***************************************												*************						
NO	CEIL	١	73.0	77.5	70.8	79.8	80.3	80.4	80 • E	90.8	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81 -2
ĢΕ	20000	G )	77.4	82.c	83.3	84.5	85.1	85.2	85.6	85.6	85.6	85.8	85.8	86.0	86.0	66.0	86.0	86 .D
üΕ	1800	0	77.4	82.0	83.3	84.5	85.1	85.2	85.6	85.6	85.6	85.8	85.8	86.0	86.0	86.0	86.D	86.0
GE	1600	0	77.9	82.5	g 3 . g	85.1	85.6	25.7	86.1	86.1	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5
GE	1400	01	78.3	82.9	84.3	85.4	86.0	86.1	86.5	86.5	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9
ĢĒ	1276	a I	80.7	85.6	86.9	86.1	88.6	88.8	89.2	89.2	69.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6
ÜE	1600	0 1	82.C	87.2	88.5	89.7	90.2	9C. 3	90.7	90.7	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1
GΕ			82.4	A7.6	88.9	90.1	90.6	90.7	91.1	91.1	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5
GE			B2.5	97.8	89.2	90.3	ç0.9	91.0	91.5	91.5	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9
űE	700	10	83.7	89.3	90.6	91.8	92.3	92.5	93.0	93.0	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4
LΕ	603	0 1	67.2	93.1	94.4	95.6	96.3	96.4	97.0	97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4
GE	50.01	01	88.0	94.0	95.4	96.6	97.2	97.4	97.9	97.9	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3
GΕ			68.4	94.7	96.0	97.4	98.0	98.1	98.7	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1
GΕ			88.6	95.2	96.6	97.9	98.5	98.7	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99 .6
46	35 0	n i	.65.6	95.2	96.6	97.9	98.5	98.7	99.2	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99 .6
GΕ			8.88	95.4	96.7	98.0	98.7	98.8	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7
												-		•				
ĿΕ	25.00	1 0	88.9	95.5	96.8	98 • 1	98.8	96.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
űE	2000	0	88.9	95.5	96.8	98.1	98.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
űE	180	10	£8.9	95.5	96.8	96.1	98.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GΕ			88.9	95.5	96.8	98.1	98.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE	1200	0 (	£8•9	95.5	96.8	98 • 1	90.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE	100	0 (	88.9	95.5	96.8	98.1	98.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE	901	C Ì	68.9	95.5	96.5	98 . ì	98.8	98.9	99.5	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GΕ	803	) I	88.9	95.5	96.8	98.1	98.8	98.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	700	10	88.9	95.5	96.8	96 • 1	98.8	98.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE	ان ،	o i	68.9	95.5	96.8	98.1	98.8	98.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE			88.9	95.5	96.8	98.1	98.8	98 • 9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
úΕ			68.9	95.5	96.8	98 • 1	98.8	98.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE			88.9	95.5	96.8	98.1	98.8	98.9	99.6	99.6	99,6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE			88.9	75.5	96.8	98.1	98.8	96.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
G€			88.9	95.5	96+8	98.1	98.8	98.9	99.6	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE			88.9	95.5	96.8	98.1	98.8	98. <b>9</b>	99.6	99.6	99.6	99.9	99.9	100.0		100.0		100.0

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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STATION NUMBER: 747342 STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 HONTH: APR POURS(LST): 1500-1700 CE IL ING VISIBILITY IN STATUTE MILES IN | SE FEET | 1C SE GE 3 2 1/2 GE 1 1/2 GE 2 GE GE GΕ 6E 5/16 6E 1/4 1 1/4 6 ·`o - s 3/4 5/8 1 1/2 NO CEIL | 69.6 UE 200001 73.8 79.5 79.8 80.6 81.7 61.7 82.2 82.4 82.4 83.2 83.4 83.4 83.4 83.4 83.2 83.8 84.5 85.7 83.8 84.5 85.7 83.9 84.6 85.9 83.9 84.6 85.9 83.9 84.6 85.9 GE 180001 74.3 GE 160001 74.8 90.0 80.3 81.1 82.2 82.2 82.8 82.9 82.9 83.9 83.9 84 .6 6E 140001 76.0 82.C 82.2 83.1 84.2 84.7 84.9 84.9 85.9 85.9 GE 120001 77.3 83.4 83.6 84.5 85.6 85.6 86.1 86.3 86.3 87.1 87.1 87.2 87.2 87.2 87.2 GE 10000; 78.6 GE 9000; 79.1 GE 8000; 79.9 GE 7000; 80.7 87.9 88.9 89.3 90.2 91.7 85.2 87.8 81.8 84.9 86.0 87.1 87.1 87.9 88.8 88.9 88.9 88.9 88.9 87.5 88.3 89.9 95.4 89.3 90.2 91.7 97.2 86.1 85.6 86.4 87.7 86.4 87.2 88.5 88.2 89.0 88.3 88.3 89.2 90.7 89.2 90.0 89.2 91.0 91.5 89.3 90.2 91.7 89.3 89.3 90.2 91.7 97.2 90.2 91.7 68.3 69.9 90. 7 96. 3 90.6 91.5 GE 60001 85.9 92.6 92.9 93.9 96.1 97.2 űE 50001 87.4 45001 87.5 94.5 94.7 95.8 97.4 97.4 98.1 98.2 98.3 98.2 99.0 99.0 99.2 99.2 99.2 99.2 99.2 99.2 97.5 97.9 97.9 98.2 98.8 98.8 99.2 99.7 99.7 99.7 99.3 99.9 99.9 99.3 99.9 99.9 GE 96.0 96.3 97.5 97.9 97.9 98.3 99.3 99.3 99.3 99.9 94.6 94.9 40001 67.7 35001 67.7 94.9 95.1 95.1 98.9 99.9 GE 98.9 99.7 ύE GE 99.9 99.9 96.3 99.9 97.9 97.9 97.9 97.9 97.9 97.9 GE 25001 87.7 94.9 95.1 95.1 95.1 98.8 98.9 98.9 99.7 99.9 99.9 99.9 96.3 94.9 GE 20001 87.7 18001 87.7 96.3 98.9 98.9 99.9 100.0 100.0 98 • 8 98 • 8 99.9 100.0 100.0 100.0 99.9 99.9 99.9 100.0 100.0 űE 15001 87.7 94.9 95.1 96.3 97.9 97.9 98.8 98.9 98.9 99.9 100.0 100.0 100.0 100.0 100.0 100.D 12001 87.7 94.9 95.1 98.8 98.9 98.9 100.0 100.0 100.0 ÚΕ 96.3 100.0 1003| 67.7 906| 87.7 806| 67.7 94.9 94.9 94.9 95.1 95.1 95.1 97.9 97.9 97.9 97.9 97.9 97.9 97.9 98.8 98.8 98.8 99.9 99.9 99.9 GE GE 96.3 96.3 98.9 98.9 99.9 100.0 100.0 100.0 100.0 100.0 98.9 98.9 98.9 100.0 100.0 100.0 98.9 100.0 GE GE 96.3 99.9 100.0 100.0 100.0 100.0 700 67.7 600 67.7 94.9 95.1 96.3 98.8 98.9 99.9 100.0 100.0 100.0 100.0 100.0 GE 95.1 97.9 98.8 98.9 100.0 100.0 100.0 100.0 98.9 98.9 98.9 1001 87.7 4001 87.7 94.9 97.9 97.9 97.9 97.9 98.9 98.9 GE GE 95.1 96.3 96.3 99.9 99.9 100.0 100.0 100.0 100.0 100.0 98 · 8 98 · 8 100.0 99.9 99.9 99.9 100.0 100.0 100.0 űĒ 3001 87.7 94.9 95.1 96.3 97.9 97.9 98.8 98.9 100.0 100.0 100.0 100.0 100.0 99.9 99.9 2001 87.7 1361 87.7 94.9 94.9 95.1 96.3 97.9 97.9 98.8 98.9 98.9 99.9 100.0 100.0 100.0 űĒ 160.0 100.0 95.1 100.0 100.0 100.0 GE JI 87.7 94.5 97.9 97.9 100.0 100.0 100.0 100.0 95.1 96.3 98.8 78.9 99.9 100.0 9 . 8 9

TOTAL NUMBER OF DESERVATIONS:

721

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY GASERVATIONS

PERIOD OF RECORD: 53-55.58-62 MONTH: APR HOURS(LST): 1800-2000 STATICN NUMBER: 74734C STATION NAME: WHITE SANDS MR NM .......... ........ CEILING IN VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 I GE GE GΕ GΕ GE GE GΕ GE 6E GE GE FEET 1/4 10 5 3 2 1/2 5/8 1/2 5/16 NO CEIL | 73.7 80.9 78.9 79.3 79.9 80.1 80.1 80.9 80.9 81.2 81.2 81.2 81.2 83.9 84.4 84.8 85.3 86.4 86.9 87.9 90.0 86.4 86.9 87.9 90.0 86.4 86.8 87.2 88.2 90.3 86.8 87.2 88.2 86.8 87.2 88.2 GE 200001 77.8 84.2 85.6 85.6 86.8 86.8 86.8 86.8 18000| 78.3 16000| 78.9 14000| 80.9 84.7 86.1 86.1 87.1 86.9 87.9 90.0 67.2 88.2 90.3 GE 87.2 87.2 88.2 87.2 85.3 85.6 86.3 88 .2 90 .3 ÚΕ 88.2 G€ 88.4 69.2 89.2 90.3 90.5 90.3 90.3 GE 120001 82.6 91.7 91.7 10000| 83.3 9000| 83.3 8000| 83.4 91.5 91.5 91.7 92.3 92.3 92.5 90.7 91.5 91.5 92.3 92.3 92.5 92.3 92.3 92.5 92.7 92.7 92.8 92.7 92.7 92.8 92.7 92.7 92.8 92.7 90.1 92.7 92.7 92.7 99.8 G€ GE 90.3 90.7 92.7 92.8 92.7 92.7 92.7 90.9 91.7 93.8 94.1 94.1 GE 7:001 64.2 93.7 91.1 92.5 93.8 93.8 94.1 94.1 ųΕ 95.2 96.0 97.8 94.6 96.0 97.8 úΕ 50001 88.2 95.2 95.5 96.2 97.0 97.0 98.6 98.6 98.9 98.6 98.9 99.4 99.4 98.9 99.2 99.7 98.9 99.0 99.0 99.0 99.0 99.4 99.8 99.8 99.8 99.8 99.4 4500| 89.4 4000| 69.5 95.4 95.5 95.7 97.3 97.3 98.9 99.2 99.4 99.4 96.5 97.6 97.6 99.4 6E 350C| 88.5 99.7 99.8 GE 30001 88.5 95.5 97.6 99.7 99.8 99.8 95.9 95.9 95.9 95.9 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 ĢĘ 25001 88.5 95.5 96.7 97.6 97.6 99.4 99.4 99.4 99.7 99.8 99.6 99.8 97.6 97.6 97.6 99.7 99.7 99.7 2000| 88.5 1800| 88.5 1500| 88.5 96.7 96.7 96.7 97.6 97.6 97.6 99.4 99.4 99.4 99.8 99.4 99.4 99.4 99.4 99.4 99.4 95.5 GE 99.8 99.8 95.5 99.8 ĢΕ 99.8 100.0 100.0 100.0 GE üĒ 12001 88.5 95.5 100.0 100.0 100.0 1000| 88.5 900| 88.5 800| 88.5 97.6 97.6 97.6 96.7 96.7 96.7 99.7 99.7 99.7 99.8 99.8 99.8 95.5 95.9 97.6 97.6 97.6 99.4 99.4 99.4 99.4 99.4 99.4 100.0 100.0 GE 100.0 100.0 99.4 99.7 99.7 99.7 95.5 95.5 95.9 99.4 100.0 100.0 GE 100.0 100.0 100.0 100.0 GE 700| 88.5 600| 88.5 95.5 95.9 96.7 97.6 97.6 99.4 99.4 99.4 99.7 99.8 100.0 100.0 100.0 100.0 GE 95.5 95.9 96.7 97.6 97.6 99.4 99.4 99.8 100.0 100.0 100.0 100.0 99.4 99.7 99.7 99.7 99.7 5001 88.5 95.5 95.5 95.9 95.9 96.7 96.7 97.6 97.6 99.4 99.8 100.0 G€ 97.6 99.4 99.7 100.0 100.0 100.0 99.4 99.4 99.4 99.7 99.7 99.7 4001 68.5 97.6 100.0 100.0 100.0 100.0 GE GE 99.4 3001 68.5 95.5 95.9 96.7 96.7 97.6 99.8 100.0 100.0 100.0 97.6 100.0 97.6 GΕ 95.9 100.0 95.5 GE 1301 68.5 99.7 130.0 100.0 100.0 GF 31 88.5 95.5 95.9 97.6 97.6 99,4 99,4 99.4 99,7 99.8 100.0 100.0 100.0 100.0 99.7

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

PERIOD OF RECORD: 53-55.58-62 MONTH: APR HOURS (LST): 2100-2300 VISIBILITY IN STATUTE MILES GE GE GE GE CEILING IN IN | GE FEET | 1C E GE GE 2 1 1/2 1 1/4 GE 3/4 GE </16 5 3 2 1/2 1/4 ň 5/8 1/2 NO CEIL | 83.1 86.9 86.9 87.7 87.7 Gr 200001 86.1 89.8 9<sub>0.9</sub> 91.4 91.9 90.9 91.4 91.9 89.2 90.1 90.9 90.9 90.9 90.0 90.1 90.9 90.9 90.9 90.9 90.9 90.6 91.1 GE 18000| 86.6 GE 16000| 86.6 GE 14000| 87.7 90.3 91.4 91.4 91.4 91.4 91.4 89.6 90.4 90.6 91.4 91.4 91:4 90.1 90.9 93.0 91.2 91.9 92.0 92.7 92.2 92.2 93.0 93. D 93.0 93.9 93.2 93.0 95.0 93.6 93.6 93.6 93.6 GE 12000| 88.4 95.1 95.4 95.4 GE 100001 89.8 93.3 93.9 94.1 94.3 94.3 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 900g! 90.1 8500| 90.1 93.6 94.3 94.6 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95 .4 95 .4 94.4 94.6 94.4 94.6 6E 6E 95.1 96.8 95.4 95.4 96.5 70001 90.9 94.4 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 96.5 98.4 97.0 98.4 60001 92.5 98.4 98 . 4 98.4 98.4 96.2 99.4 99.2 99.4 97.0 97.1 97.6 99.2 99.4 99.8 99.2 99.4 99.8 99.2 99.4 99.8 99.2 99.4 99.8 99.2 99.4 99.8 50001 93-1 97.6 97.8 98.1 98.1 99.2 4500| 93.3 4000| 93.8 97.8 98.2 97.9 98.2 98.2 98.7 99.4 99.4 99.4 GE 99.8 GΕ 99.8 99.8 35001 93.8 99.8 99.8 99.8 99.8 99.9 30001 93.8 97.6 98.2 98.4 98.7 98.7 99.8 99.8 99.8 99.8 99.R 99.8 98.2 98.2 98.2 98.7 98.7 98.7 98.7 98.7 98.7 98.7 99.8 99.8 99.8 99.8 GF 25001 93.8 97.6 98 . 4 98 . 4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 2000| 93.8 1860| 93.8 1500| 93.8 99.8 99.8 99.8 97.6 97.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 98.4 GΕ 97.6 98.2 98.4 99.8 99.8 99.8 99.8 99.8 98.7 99.8 12001 93.8 GE 10001 93.9 97.8 98.4 98,6 98.9 98.9 98.9 98.9 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 97.8 98.4 98.6 98.6 98.9 100.0 100.0 GΕ 9001 93.9 100.0 100.0 100.0 100.0 100.0 100.0 8001 93.9 97.8 100.0 100.0 107.0 100.0 100.0 100.0 GE GF. 100.0 700| 93.9 100.0 97.8 98.4 98.6 98.9 98.9 100.0 100.C 130.0 100.0 100.0 100.0 100-0 100.0 100.0 GΕ 98.9 98.4 98.6 1G0.0 100.0 100.0 100.0 100.0 100.0 98.9 100.0 100.0 5001 93.9 98.9 98.9 96.9 97.8 98.4 98.6 100.0 100.0 100.0 170.0 100.0 100.0 98.9 100.0 100.0 100.0 100.0 400| 93.9 300| 93.9 97.8 97.8 98.4 98.6 98.6 98.9 107.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 200| 93.9 98.6 100.0 100.0 130.0 100.0 98.4 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 31 91.9 97.8 98.4 98.6 ... 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

FOTAL NUMBER OF OBSERVATIONS:

627

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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY $\sigma_{BS}_{\epsilon}$ rvations

STATION NUMBER: 747340 STATION WAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: APR HOURS (LST): VISIBILITY IN STATUTE MILES CEILING IN 1 GE FEET 1 10 GE GE GE 2 1 1/2 GΕ Gε 5/8 GE . GE GE GE GΕ 1 1/4 1/2 3 2 1/2 3/4 5/16 1/4 NO CEIL | 78.7 86.8 87.1 87.5 200001 82.0 95.6 86.3 87.3 87.3 87.8 87.8 87.8 98 • C 88.0 88.1 88.1 88.1 85.8 87.6 87.6 88.1 88.5 88.1 88.3 88.7 89.3 88.4 88.4 88.4 GE 18000| 82.2 86.5 88.1 88.4 88.4 160001 82.5 86.9 88.5 8.89 88.8 88.8 90.0 6E 140001 83.7 87.4 88.1 88 · 7 91 · 1 89·2 91·5 89.2 89.7 89.7 A9.7 89.9 89.9 90.0 90.0 90.0 GE 120001 85.9 89.8 91.5 92.0 92.0 92.0 92.3 92.3 92.3 92.3 92.3 92.3 92.3 93.3 93.7 94.0 GE 100001 87.2 91.1 93.6 93.6 93.9 94.2 93.6 94.0 94.3 91.8 92.4 92.7 92.9 93.4 93.4 93.7 93.7 93.7 93.7 92.8 94.0 94.3 95.3 9000| 87.5 91.4 92.1 93.2 93. 2 93. 5 93.7 93.7 93.9 94.0 94.0 93.8 93.8 96.5 91.7 92.5 92.4 93.2 95.9 GE 93.5 94.3 94.9 94.9 95.3 70001 94.3 97.0 94.4 97.1 60001 91.0 98.0 GE 97.7 97.7 97.9 98.0 98.0 98.0 98.0 GF 50001 92.0 96.2 96.9 97.6 98.1 98.1 98.7 98.8 98.8 99.0 99.0 99.2 99.7 99.1 99.1 99.1 99.1 99.1 99.2 99.3 97.8 99.0 99.3 GΕ 45001 92.1 40001 92.4 96.4 96.8 97.1 97.5 98.4 99.0 99.0 99.3 99.3 98.3 GE 98.1 98.7 98 - 7 99.4 99.4 99.7 99.8 99.8 3500 | 92.4 3000 | 92.4 GE 96.8 96.8 97.5 98.1 98.2 98.7 99.4 99.4 98.7 99.4 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.5 99.5 99.8 99.9 GE 25001 92.5 96.9 97.6 98.2 98.8 98. 9 99.5 99.8 99.9 99.9 GE GE 20001 92.5 96.9 97.6 98 • 2 98 • 2 98.9 98.9 99.5 99.5 99.5 99.8 99.8 99.9 99.9 99.9 99.9 99.9 98.8 98.8 15001 92.5 96.9 98.2 99.5 99.5 99.8 99.9 99.9 99.9 99.9 99.9 GE GF 12001 92.5 98.2 98.8 99.5 96.9 98.9 99.9 99.9 99.9 99.9 99.9 10001 92.5 97.6 97.6 97.6 97.6 100.0 GE 96.9 98.3 98.9 96.9 99.5 99.6 99.6 99.8 99.8 99.9 100.0 100.0 100.0 99.5 99.6 930| 92.5 800| 92.5 96.9 99.8 98•9 98•9 99.6 99.6 99.8 120.0 99.6 99.6 99.9 99.9 100.0 GE 94.3 98.9 99.6 100.0 100-0 100.0 7001 92.5 96.9 99.6 99.9 99.9 100.0 160.0 100.0 98.9 99.9 GE 6001 92.5 96.9 98.9 99.6 99.9 100.0 100.0 100.0 100.0 5001 92.5 96.9 97.6 97.6 98.3 98.3 99.9 GE ... 98.9 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 96.9 99.9 99.9 100.0 GE 99.6 98.9 99.6 99.6 99.6 100.0 100.0 GE GE 3001 92.5 96.9 97.6 98.3 98.9 99.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 2001 92.5 1001 92.5 96.9 98.9 98.9 99.6 99.9 97.6 98.3 98.9 99.6 99.9 100.0 100.0 100.0 96.9 100.0 100.0 100.0 GΕ 97.6 01 92.5 96.9 98.3 98.9 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 98.9

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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\$1	ATION	N	MBER:	747340	STATI	ON NAME:	WHITE	SANDS	MR NM					OF REC				
														: MAY		(LST):		00
	ILING		•••••	• • • • • •	• • • • • • •	• • • • • • •	*****							• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••
	IN		GE	GΕ	GΕ	GE	GΕ	GE	6E	GE	IN STAT	GE AIC	GE	GE	GE	GE	Œ	GE
	EET		10	6	0 E 5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	0
		-						•	-									
••	• • • • •	•••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • • •		•••••		•••••	•••••	• • • • • • •	•••••	• • • • • • • •	
N/O	CEIL		88. T	88.8	8.89	88.8	88.8	86.8	88.8	88,8	88.8	88.8	89.8	88.8	88.8	98.8	88.g	88 .8
110	CLIL	•	66.3	20+0	80.0	00.0	00.0	00.0	00.0	50,0	00.0	00.0	97.0	00.0	0040	70.0	00.0	00.00
GF	2000	01	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	69.7	89.7	89.7
	1800			89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	1600			90.7	90.7	90.1	90.7	90.7	90.7	90.7	90.7	90.7	97.7	00.7	90.7	90.7	90.7	90.7
	1400			92.1	92.1	92.1	92.1	92.1	92 • 1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	1200			94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
		•				,	, ,		, , , ,		- •							•
GE	1000	01	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GF	900	01	95.2	96.n	96.0	96.0	96.0	96. D	96.0	96.0	96.7	96.0	96.0	96.0	96.0	96.0	96.0	96 • n
GÈ	830	01	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96 • 5
GΕ	700	01	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GΕ	600	0 [	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9
GΕ	500	0	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	450	01	99.2	100.0			100.0	1 00. 0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE			99.2	100.0	100.0	100.0	100.0	1 CO • C	100+0	100.0	100.0			100.0	100.0	100.0	100.0	100.0
GE			99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GE	3C 0	0	99.2	100.0	100.0	100.0	100.0	1 CO • O	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E				100.0			100.0		100.0		100.0			100.0			100.0	100.0
GE			99.2				100.0		100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
GE			99.2	100.0			100.0		100.0	100.0				100.0	100.0	100.0	100.0	100.0
GE			99.2	100.0					100.0							100.0	100.0	100.0
GΕ	120	U	99.2	170.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		٠.	99.2	100.0	100.0	100.0	1	100 0	100.0	100.C	100.0	100.0	100.0	1		100.0	100.0	100.0
GE								100.0 100.0			130.0		100.0	100.0	100.0	100.0	100.0	100.0
GE					100.0			100.0	100.0	100.0	100.0	100.0	100.0				100.0	100.0
GE			99.2 99.2	130.0				100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E				100.0				100.0	100.0	100.0	130.0	170.0		100.0	100.0		100.0	100 · n
01.	• • •		,,,,	1.000	100.0	10000	10304	1 00.0	10010	100.0		1,10.0	10.710	100.0	100.0	100.0	10010	100.0
GE	5 11	n i	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE				170.0			100.0	100.0	100.0	100.0		100.0	107.0	100.0		100.0	100.0	100.0
υE	-			100.0							100.0			100.0		100.0	100.0	100.0
66				1 cn. p					100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĞĒ											100.0		100.0	100.0	100.0		100.0	100.0
		•					- 00-0			•				- 00 - 0		2		
GΕ		01	99.2	100.0	100.0	100.0	100.0	1 CO+ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF ORSERVATIONS:

75.0

## PEHCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STA	TION NUMBE	R: 747340	STATI	ON NAME:	TIHW :	E SANDS	MR NM					OF REC		-62 (LST):	0300-05	DÇ
	LING	• • • • • • • •	• • • • • •	•••••	• • • • • •	•••••			TAT2 NI			• • • • • • •	• • • • • • •	•••••	• • • • • • •	••••
	N I GE	<b>6</b> E	GE	GE	GE	GE	GE	GF	6E	GE	GE	GE	GE	GE	GE	GE
	ET I		5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
_		-								_	-					
										•••••						
NO	CEIL   89.	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	69 -8
GE	200001 91.	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	18coci 91.		91.4	91.4	91.4	91.4	91.4	91.4	01.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	160001 91.		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	01.8	91.8	91.8	91.8	91.8
GE	140001 92.	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	120001 94.	5 94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE	100001 95.	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	9000! 95.		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95 • 6	95.6	95.6	95.6	95.6	95.6	95.6
GE	80901 96.		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE	7000  97,		97.0	97.0	97.0	97.0	97.0	97. <sub>C</sub>	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	60001 99.	99.6	99.6	99,6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	50001 99.	7 99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	45001100		100.0	100 • n	103.0	100.0	100.0	100.6	100.0	170.0		100.0	100.0	100.0	100.0	100.0
GE	40001100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
GE	35001100.		100.0	100.0	100.C	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30001100.		100.0	100.0	100.0	1 00.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
						- 00-0	10010		20000				-00-0			
GE	2500 100.	100.0	100.0	100.0	100.0	1 GO. O	100.0	100.D	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ	2000   100.	100.0	100.0	100.0	100.0	1 00 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0
GE	1500 100.	100.0	100.0	100.0	100.0	1 CO+ D	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1200 100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	15001100															100.0
GE	1000 100.		100.0	100.0 106.0	100.0	100.0 100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	900 1 <sub>00</sub> .		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	7001100.		100.0	100.0	100.0	100.0	100.0			100.0		100.0	100.0		100.0	100.0
GE	6001100.		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
O.C.	00011000		*00*0	1.70.0	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	*****	100.0	10010	100.0	100.0
GE	500 100.	100.0	100.0	100.0	100.0	100.0	103.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	400 100.	100.0	100.0	100.0	100.0	1 0C . C	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
GE	300   100.	130.0	100.0	100.0	100.0	1 00.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
GΕ	2001160.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
ĞΕ	100   100.	100.0	100.0	100.0	100.0	1 00. 0	100.0	100.0	100.0	170.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		100.0	100.0	100.0	100.0	100.0	100.0	100.0	109.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • •	•••••	• • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •	••••

#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: MAY HOURS(LST): 0600-0800 CE IL ING VISIBILITY IN STATUTE MILES IN | FEET GE 6 GF GE GE GE 2 1 1/2 1 1/4 GE GF GE GF GE GΕ GÉ GE 5 10 3 2 1/2 1/2 E/16 C NO CEIL | 86.2 86.3 86.4 86.7 86.8 86.8 86.9 86.9 86.9 86.9 86.9 86.9 86.9 86.9 90.6 90.6 GE 200001 89.6 90.0 90.1 90.4 90.5 90.5 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.5 91.0 91.5 91.5 91.5 91.0 91.0 91.0 GE 180001 90.0 GE 160001 90.5 90.4 90.9 90.7 90.9 90.9 91.4 91.0 91.0 91.0 91.0 91.0 91.5 91.5 91.3 91.5 91.5 91.5 92.6 GE 140001 91.6 GE 120001 93.5 92. n 92.4 92.5 92.5 92.6 92.6 92.6 92.6 92.1 92.6 02.6 92.6 93.9 GE 100001 95.4 96.2 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.1 96.5 96.6 96.6 96 . 7 96.7 97.2 97.8 96.8 97.3 98.0 GE GE 90001 95.6 96.2 96.3 96.8 96 · 6 97 · 1 96.7 97.2 96.8 96.8 96.8 96.8 96.8 96.8 96.8 97.3 96.8 96.6 80001 96.1 73001 96.7 GE 97.3 98.7 98.0 98.0 98.0 98.0 60001 98.1 98.9 99.4 99.4 GE 99.2 5000| 98.6 4500| 98.7 4000| 98.7 3500| 98.7 99.7 99.9 99.9 99.2 99.4 99.4 99.7 99.9 99.9 99.9 99.9 99.9 GF 99.6 99.9 99.9 99.9 99.9 99.9 99.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.5 99.9 100.0 100.0 100.0 100.0 GE 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 100.0 102.0 100.0 100.0 GE 99.9 100.0 100.0 GE 30001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.9 99.9 99.9 99.9 100.0 100.0 25001 98.7 99.5 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 99.4 99.4 99.4 99.5 99.5 99.5 99.9 99.9 2000 | 98.7 1800 | 99.7 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 GE 99.7 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 15001 98.7 100.0 100.0 GE 99.7 99.9 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 1000| 98.7 900| 98.7 800| 98.7 99.5 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.9 100.0 100.0 100.0 100.0 100.0 GE GE 99.4 99.5 99.7 99.7 99.9 99.9 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 99•9 99•9 102.0 100.0 99.5 100.0 GE 7001 98.7 99.4 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.9 100.0 GΕ 100.0 130.0 100.0 107.0 100.0 100.0 100 · p 500| 98.7 400| 98.7 300| 98.7 200| 98.7 99.4 99.4 99.4 99.4 100.0 GE 99.5 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 99.5 99.9 99.9 99.9 100.0 100.0 99.9 99.9 99.9 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 106.0 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 r.E ĞĒ 100 | 98.7 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 6E 01 98.7 100.0 100.0 100.0 163.0 100.0 100.0 100.0 100.0 106.0 100.0 ..........

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM $+_{O}$ UPLY OBSERVATIONS

STATION	NUHBER:	747340	STATI	ON NAME:	WHIT	E SANDS	MR NM					GF REC		-62 (LST):	0900-11	00
	• • • • • • •	• • • • • • •	•••••	••••••	•••••	•••••	******		TATZ NI			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••
CEILING IN	l GE	GE	GE	GE	GE	GE		GF GF	GE GE	GE HIL	GE	GE	GE	GΕ	GE	GE
	1 10	6	5	. ""					1 1/4	1		5/8	1/2	5/16	1/4	0
	-	-	_						• • • • • • •	-						
									•••	• • • • •						
NO CEIL	86.6	88.2	88.5	88.6	89.6	6.89	88.6	88.6	88.6	88.6	88.6	88.6	88,6	88.6	88.6	88 -6
GE 20000		92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE TOCOG		92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
eE 16000		93.7	93.9	94.0	94.0	94.0	94.0	94. C	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94 • C
GE 14000		94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94 • 7	94.7	94.7
GE 12000	93.5	95.4	95.7	95 • 8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 10000		96.3	96.6	96.7		٠. ٦	٠		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10000		96.6	96.8	97.0	96.7 97.0	96.7 97.0	96 • 7 97 • D	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 8000		96.8	97.1	97.2	97.2	97.2	97.2	97.2		97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 7000		98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 6000		99.4	99.6	99.9	99.9	99.9	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9
OL 0000	. ,,,,	,,,,	77.0	,,,,	,,,,	7707	,,,,,	,,,,,	,,,,	· · · ·		,	,,,,		,,,,,	.,.,
GE 5000	97.6	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.6	99.5	99.7		100.0	100.0		100.0		100.0		100.0			100.0	
GE 4rps	97.6	99.5	99.7	100.0	100.0	100.0	100.0	100.0			107.0	100.0	100.0	100.0	100.0	100.0
GE 3500	97.6	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	97.6	99.5	99.7	1.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.6	99.5	99.7		100.0	100.0			100.0				100.0		100.0	100.0
	97.6	99.5	99.7						100.0				100.0	100.0	100.0	100.0
	97.6	99.5	99.7					100.0		100.C	100.0	100.0	100.0	100.0	100.0	100.0
	97.6	99.5	99.7						100.0					100.0	100.0	100.0
GE 1200	97.6	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0
CC 1000												100 0				100.0
	97.6	99.5 99.5	99.7						100.0				100.0	100.0	100.0	100.0
	97.6	99.5	99.7			136.0		100.0		100.0	100.0	100.0	100.0	100.0	160.0	100.0
	97.6	99.5							100.0		100-0			100.0		100.0
	97.6	99.5	99.7						100.0							
01 000	, ,,,,	,,,,	***		10010	2000	10010	10010	10010	-00.0	10.740		10010			
6E 500	97.6	99.5	99.7	100.0	100.0	100.0	lnn•n	160.0	100.0	190.0	107.0	100.0	100.0	100.0	100.0	100.0
	97.6	99.5					100.0	100.0	100.0							100.0
	97.6	99.5	99.7		100.0			100.0			100.0		100.0		100.0	100.0
6E 200	97.6	99.5	99.7			1 00.0		100.0			100.0		100.0	100.0	100.0	100.0
GE 180	97.6	99.5	99.7	100.0	100-0	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0
	97.6	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	••••••	• • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••

TOTAL NUMBER OF OBSERVATIONS:

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62
HONTH: MAY HOURS (LST): 1200-1400 • • • • • • • • • • CEILING VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 IN | GE FEET | 10 GE GE 3 2 1/2 GΕ GΕ ٦, 3/4 5/8 1/2 5/16 91.0 81.0 NO CEIL | 78.8 79.5 80.0 80.6 80.7 80.7 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 GE 20000| 84.3 GE 18000| 84.7 GE 16000| 85.3 86.6 86.9 87.6 86.6 86.9 87.6 86.8 87.2 87.8 85.3 85.8 86.4 86.8 86.8 86.8 86.8 86.8 86.8 86.8 87.2 87.8 87.2 87.8 87.2 87.8 86.2 86.8 87.2 87.2 87.2 87.2 86.3 87.8 87.8 87.8 89.1 140001 86.6 88.8 89.1 GE 12000| 87.6 88.6 89.9 89.9 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90 -1 90.9 GE 10000| 88.6 89.6 90.1 90.7 90.9 90.9 91.1 91.1 91.1 91.4 92.9 91.1 91.1 91.1 91.1 91.1 91.1 91.4 92.9 90001 89.6 89.6 90.1 90.7 90.9 91.1 91.1 91.4 91.1 91.4 91.1 91.1 91.1 8000| 88.8 7000| 90.2 6000| 96.2 91.0 91.4 91.4 89.9 90.4 91.1 91.4 91.4 91.4 92.9 92.9 92.9 92.9 91.4 91.9 92.6 92.6 99.2 5r00| 96.7 4500| 96.7 4000| 96.7 3500| 96.7 99.5 99.5 GΕ 98.0 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.0 98.0 98.7 99.7 99.7 99.7 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 98.7 99.5 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 GE 98.G 98.7 99.7 99.7 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 GE 30001 96.7 98.C 99.5 99.7 100.0 100.0 100.0 100.0 150.0 100.0 98.7 100.0 100.0 100.0 2500| 96.7 2000| 96.7 1800| 96.7 1500| 96.7 100.0 107.0 103.0 GE GE 98.0 98.0 99.5 99.5 99.7 99.7 100.0 100.0 98.7 99.7 100.0 100.0 100.0 100.0 100.6 100.0 98.7 100.0 100.0 100.0 98.7 98.7 99.5 100.0 100.0 100.0 GF 98.0 99.7 99.7 100.0 100.0 100.0 100.0 100.0 98.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 GE 12001 96.7 98.0 98.7 99.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 1000| 96.7 900| 96.7 800| 96.7 98.D 98.7 98.7 99.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.0 98.0 99.7 100.0 G€ 99.7 100.0 100.0 100.D 100.0 98.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G€ 7001 96.7 98.0 98.7 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 98.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.7 98.7 98.7 5001 96.7 4301 96.7 3001 96.7 98.0 99.5 99.7 100.J 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 99.7 99.7 GE 98.0 98.0 99.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 2001 96.7 99.7 100 0 100.0 GE 99.5 ioa. o 1001 96.7 98.0 98.7 99.7 100.0 100.0 170.0 107.0 100.0 160.0 100.0 6E 01 96.7 98.0 98.7 99.5 99.7 99.7 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0

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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: MAY HOURS (LST): 1500-1700 VISIBILITY IN STATUTE MILES **CEILING** I GE GE GE GE 2 1 1/2 1 1/4 GE GΕ GΕ GE GE GΕ GE GE GE FEET 1 10 3 2 1/2 1 6 5 3/4 5/16 G 5/8 1/2 1/4 NO CEIL | 74.8 77.3 77.9 77.9 77.9 75.7 76.0 77.3 77.9 77.9 77.9 77.9 77.9 76.8 77.9 GE 20C00| 81.0 GE 18C00| 81.7 GE 16C00| 82.5 83.0 84.9 85.5 86.3 83.8 84.9 85.5 86.3 84.9 85.5 86.3 82.8 84.4 84.9 84.9 84.9 84.9 84.9 84.4 84.9 84.9 85.5 86.3 83.4 83.7 84.5 85.0 85.0 85.5 85.5 86.3 85.5 85.5 86.3 85.5 85.5 85.8 86.9 87.4 85.8 86.3 86.3 86.3 140001 86.9 GE 120001 84-1 86.1 87.9 87.9 87.9 6E 100001 85.1 6E 90001 85.1 д6.9 86.9 87.1 87.9 88.5 88.5 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.8 89.0 87.1 87.9 88.5 88.6 88.5 89.0 89.0 89.0 89.D 89.0 89.0 GE 80001 85.3 87.C 88.1 88.6 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 90.1 90.7 90.7 90.7 90 • 7 98 • 8 90.7 90.7 70001 86.9 88.6 88.9 89.7 90.2 90. 2 90.7 90.7 90.7 98 . 9 GE 50001 94.3 97.6 98.7 99.2 99.2 99.7 99.9 100.0 100.0 100.0 100.0 99.7 99.7 99.7 4500] 94.3 4500| 94.3 97.2 97.6 98.7 98.7 99.2 99.2 99.2 99.7 99.7 99.9 99.9 99.9 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 GE 35001 94.3 97.2 97.6 98.7 99.2 99.2 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 GE 10001 94.3 97.6 99.7 99.9 97.2 98.7 99.9 100.0 100.0 100.0 100.0 97.6 97.6 97.6 GE 25001 94.3 97.2 99.2 99.2 99.2 99.2 99.7 99.7 99.7 99.9 98.7 99.2 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.2 99.2 99.2 99.7 99.7 99.7 2000| 94.3 97.2 GΕ 98.7 98.7 100.0 100.0 99.7 100.0 99.9 GE GE 99.9 99•9 99•9 100.0 100.0 1500 97.6 98.7 99.9 100.0 100.0 100.0 GĒ 94.3 97.2 97.6 98.7 99.2 99.7 99.9 100.0 100.0 100.0 160.0 97.2 97.2 97.6 98.7 98.7 99.2 99.2 99.2 99.7 99.7 99.9 99.9 99.9 100.0 100.0 GE 10001 94.3 99.7 99.9 100.0 100.0 900 94.3 υE 99.7 99.9 99.9 100.0 100.0 100.0 GE 8001 94.3 97.2 97.6 99.7 99.9 100.0 100.0 100.0 99.2 99.7 99.9 100.0 GE 7001 94.3 27.2 97.6 98.7 99.2 99.7 99.9 99.9 100.0 100.0 100.0 GΕ 100.0 98 . 7 99.2 100.0 97.2 97.2 5001 94.3 4001 94.3 97.6 97.6 97.6 99.2 99.2 99.2 99.7 99.7 99.7 99.9 99.9 **9**9.9 GE 98.7 98.7 99. 1 99. 1 99.2 99.7 99.7 99.7 99.9 100.0 100.0 99.9 100.0 120.0 99.9 99.9 ĿΕ 99.2 100.0 100.0 100.0 100.3 3001 94.3 2001 94.3 97.2 99.2 GE 98 . 7 99.7 100.0 100.0 100.0 100.0 97.6 GE 98 - 7 99.2 99.7 99. 1 99.7 99.9 99.9 99.9 100.0 100.0 100.0 1001 94.3 99.7 99.7 99.7 99.9 100.0 103.0 160.0 бĒ 01 99.3 97.2 97.6 98.7 99.2 99.2 99.7 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM . . . . . . . . . . . . . VISIBILITY IN STATUTE MILES CEILING IN | FEET | GE 6 GE 5 GE GE GE GE 2 1 1/2 1 1/4 GE G E D GΕ GF GE GE GF GE 5/16 G.F ì 10 3 2 1/2 3/4 5/8 1/2 NO CEIL | 75.7 77.4 78.5 79.0 79.0 79.3 79.3 79.3 79.3 GE 200001 83.2 GE 180001 83.7 GE 160001 64.9 86.8 87.2 86.8 87.2 88.5 86.8 e7.2 85.4 85.7 86.5 86.9 86.9 88.2 87.2 87.2 87.2 87.2 88.5 87.2 88.5 87.2 88.5 88.5 88.5 88.5 88 .5 90 .4 86.6 86.9 140001 66.8 90.4 88.5 90.0 90.0 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 GE 120001 88.6 91.4 92.2 92.2 92.2 92.2 90.4 90.7 91.9 91.9 92.2 92.2 92.2 92.2 92.2 92.2 GE 10000| 89.6 GE 9000| 89.7 91.6 91.9 92.7 93.2 93.2 93.3 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 93.5 92.1 92.7 ,93.3 93.6 94.2 94.9 93.6 94.2 94.9 91.8 92.8 93.3 93.6 93.6 93.6 93.6 93.6 93.6 93.6 GE GE 80001 90.4 70001 91.0 92.4 93.0 94.2 94.2 94.9 94.2 94.2 94.9 94.2 94.2 94.2 94.2 93.5 93.9 93.9 94.1 94.6 94.6 10004 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 97.0 97.0 98.3 98.3 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 GΕ 5000 94.6 97.5 98.8 98.8 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 45001 94.6 97.5 98.8 98.8 GE 98.1 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 97.7 98.9 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.4 99.7 99.7 99.7 35001 95.2 97.7 96.9 99.4 99.7 99.7 99.7 99.7 30001 95.2 99.7 97.7 97.7 97.7 99.4 99.4 99.4 99.7 99.7 99.7 99.7 25001 98.1 99.7 99.7 99.4 98.9 99.7 98.1 99.4 99.7 GE 20001 95.2 99.7 99.7 99.7 99.7 99.7 1800| 95.2 98.9 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 6E 1500 95.2 97.7 99.4 99.7 99.7 99.7 99.7 GE 12001 95.2 97.1 98.1 98.9 99.4 99.7 99.7 99.7 10001 95.2 99.7 99.7 99.7 ьE 97.7 98.1 99.4 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 98.9 99.4 99.7 9001 95.2 97.7 98.1 99.4 99.7 99.7 99.7 99.7 99.7 99.7 GE 8001 95.2 97.7 98.9 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 7001 98.1 96.9 99.4 99.4 99.7 99.7 99.7 99.7 99.7 7001 95.2 99.7 GE 99.7 GE 5001 95.2 97.7 98.1 98.9 99.4 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE GE 4001 95.2 3001 95.2 2001 95.2 97.7 97.7 98.1 98.9 98.9 99.4 99.4 99.8 99.8 99.8 99.8 100.0 99.8 99.8 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.C 200 95.2 100 95.2 100-0 GE 98.9 99.4 99.4 99.8 99.8 99.A 190.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.4 99.8 99.8 99.8 100.0 100.0 GĒ 01 95.2 97.7 98.1 99.8 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.4 99.8 99.8 100.3

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY GESERVATIONS

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PERIOD OF RECORD: 53-55.58-62
MONTH: MAY HOURS(LST): 2100-2300 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM CE IL ING VISIBILITY IN STATUTE MILES GE GE GE GE GE 5/16 GE 1/4 IN GE GE GΕ GE FEET 3 2 1/2 -2 1 1/2 1 1/4 3/4 o 5/8 1/2 NO CEIL 1 84.1 95.0 85.5 85.5 85.5 85.5 85.5 85.5 85.S 85.5 85.5 85.5 85.5 85.5 85.5 85.5 88.8 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3 90.4 89.3 89.3 200001 87.8 89.3 89.3 89.3 69.3 89.3 89.3 90.4 180001 87.8 89.3 89.3 89.3 90 · 4 92 · 2 94 • 5 160001 88.9 89.9 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 97.4 93.4 90.4 92.2 92.2 94.5 92.2 94.5 92.2 92.2 92.2 92.2 140001 90.7 92.2 92.2 92.2 92.2 92.2 94.5 100001 93.7 94.6 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.4 95.4 95.1 95.1 95.1 GE 95.4 95.4 95.4 95.4 95.4 95.4 GE 90001 94.0 95.0 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 GE 95.4 98.5 95.4 95.0 98.5 98.5 98.5 GΕ 60001 96.9 98.0 98.5 98.5 98.5 98.5 98.5 98.5 98.5 GF Sena L 98.9 7.00 00.3 99.3 99.3 99.3 99. 1 99.3 99.1 99.1 99. 3 99.1 99.3 00. t 44.1 99.5 99.5 99.5 4500| 98.4 4000| 98.4 3500| 98.4 100.0 GE 100.0 100.0 100.0 100.0 103.0 100.0 ĢΕ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 30001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 99.5 99.5 99.5 100.0 1 00.0 100.0 100.0 100.0 107-0 GE 2000) 98.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 103.0 100.0 100.0 100.0 18001 98.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 15001 98.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 98.4 100.0 100.0 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 10001 98.4 100.0 100.0 GE 99.5 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 9001 98.4 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 700 | 98.4 600 | 98.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 102.0 100.0 100.0 100.0 100.0 GF sant 98.6 99.5 100.0 100.0 100.0 100.0 190.0 100.0 100.0 109.0 100.0 100.0 100.0 100.0 100.0 4001 98.4 99.5 100.0 150.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 GE 300 | 98.4 200 | 98.4 99.5 100.0 100.0 100.0 1 CO. 0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 160.0 100.0 G£ 100.0 100.0 1 CO. 0 100.0 100.0 100.0 170.0 100.0 100.0 100.0 100.0 160.0 GE 1001 98.4 100.0 100.0 100.0 100.0 100.0 190.0 100.0 170.0 01 98.4 100.0 100.0 100.0 100.0 103.0 100.0 100.C 100.0 100.0 100.C 100.0 100.0 1:00.0

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#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NH POURS(LST). MONTH: MAY VISIBILITY IN STATUTE HILES CE IL ING GE GE 3 2 1/2 GE G€ 10 GE GE GE 2 1 1/2 1 1/4 GE Gε 5/8 GE 1/2 IN L GE ~~<sub>5</sub> NO CEIL | 83.2 84.0 84.8 84.8 84.8 89.1 89.1 89.4 GE 200001 87.2 88.3 88.5 88.6 89.0 89.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.4 90.2 89.4 90.2 89.4 90.2 89.4 93.2 89.4 90.2 89.4 89.4 GE 18CCG| 87.5 98.5 88.8 89.1 89.2 89.2 89.4 GE 160001 88.3 GE 140001 89.5 89.3 90.5 92.2 89.6 89.9 90.0 90. 0 90.2 90.2 90.2 90.2 90.2 90.8 91.1 91.2 91.2 91.4 91.4 91.4 91.4 91.4 91.4 93.1 91.4 91.4 91.4 93.1 GE 120001 91.1 92.9 92.8 GE 100001 92.2 94.2 94.2 94.2 94 .2 93.9 94.2 94.2 94.2 93.3 93.6 94.0 94.0 94.2 94.2 9000| 92.3 8000| 92.7 7000| 93.6 93.5 93.7 94.6 94.2 94.2 94.3 94.3 94.3 94•3 94•7 94.3 94.3 94.3 94.7 95.6 93.8 94.8 94.1 95.0 94.4 95.3 94.5 95.5 99.1 94.5 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 GE 6<sub>000</sub>1 96.9 98.2 98.5 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 50001 97.3 45001 97.5 40001 97.5 35001 97.5 99.6 99.7 99.7 99.8 GE 98.7 99.0 99.4 99.6 99.7 99.7 99.7 99.7 99.7 99.A 99.8 99.8 99.9 99.9 99.9 99.9 99.2 99.2 99.2 99.5 99.7 99.9 99.9 99.9 GE 98.8 99 •9 GE GE 99.6 99.8 99.8 99.9 99.9 99.9 99.8 99.9 100.0 100.0 100.0 98.9 160.0 100.0 99•9 99•9 100.0 1 20 • 0 30001 97.5 99.8 99.9 100.0 100.0 GE GE GE 2500| 97.5 2000| 97.5 1800| 97.5 79.9 99.9 99.9 99.6 99.8 99.8 99.9 99.9 99.9 98.9 100.0 100.0 100.0 99.9 99.9 99.9 98.9 99.2 99.6 99.8 99.9 99.9 99.9 100.0 100.0 99.8 100.0 100.0 99.8 130.0 100.0 100.0 99.9 99.6 99.9 99.9 GΕ 15001 97.5 98.9 99.8 99.8 99.9 100.0 100.0 100.0 99.8 100.0 100.0 10001 97.5 99.2 99.2 99.2 99.9 GE 98.9 99.6 99.8 99.8 99.9 99.9 99.9 99.9 130.0 100.0 100.0 100.0 900| 97.5 800| 97.5 98.9 99.6 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 99 8 99.9 99.8 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 GE 99.9 100.0 7001 97.5 99.9 100.0 100.0 99.9 GE 4001 97.5 98.9 99.8 99.8 99.9 100.0 100.0 100.0 5001 97.5 4001 97.5 3001 97.5 2001 97.5 99.2 100.0 GF 98.9 99.6 99.8 99. A 99.9 99. 9 19.9 99.9 99.9 99.9 100.0 100.0 100.0 98.9 99.2 99.2 99.2 99.6 99.6 99.6 99.9 99.9 99.9 99.9 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 GE GE 98.9 100.0 100.0 100.0 100.0 100.0 100.0 98.9 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 5965

99.8

99.8

99.9

100.0 100.0

CI 97.5

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STA	TION N	WHBER:	74734C	STATI	ON NAME:	WHIT	E SANDS	HR NY					OF REC				
													: JUN			0000-02	
	LING		• • • • • • • •	• • • • • •	••••••	•••••		v 1 S I	RILITY	IN STAT	UTF MIL	ES.	•••••	• • • • • • •	•••••	• • • • • • •	••••
		GE	GE	GE	GE	GΕ	GE		GΕ	GE		- 6 <b>€</b>	30	GE	GE	GΕ	GE
FE	ET İ	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•••	• • • • • •			• • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
NO	CEIF I	84.7	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
ce	20000	04.0	86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	180001		86.6	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	160001		86.9	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	190001		88.6	88.0	88.6	88.8	88.8	88.8	88.8	88.6	88.8	88.8	88.8	88 · R	88.8	88.8	88.8
	12000		89.7	89.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	100001		91.2	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE		97.4	91.2	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	80001		93.3	93.3	93.9	94.1	94.1	94 . 1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE	70001 67001		95.0 98.2	95.D 98.3	95 • 6 9a • 9	95.7 99.2	95.7 99.2	95.7 99.2	95.7 99.2		95.7 99.2	95.7 99.2	95.7 99.2	95.7 99.2	95.7 99.2	95·7 99·2	95 •7 99 •2
UE	0 :00	7113	70,2	70.5	78.9	99.2	7702	77.2	77.6	77.2	77.2	7762	77.62	77.2	77.2	77.2	77.2
GE	50001	98.0	98.9	.99.1	99.7	100.0	150. n	100.0	108.G	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0
GΕ	45001	98.0	98.9	99.1		100.0		100.0	100.0			107.0		100.0	100.0	100.0	100.0
ĞĒ		99.C	98.9	99.1	99.7	100-0	100.0		100.0			130.0		100.0	100.0	100.0	100.0
GE		98.C	98.9	99.1		100.0		100.0	100-0		100.0			100.3	100.0	160.0	100.0
GE	3000	98.C	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	25.001	98.0	98.9												100 -		
GE GE		98.0	98.9	99.1 99.1			100.0	100.0		100.0							100.0 100.0
GE		98.0	98.9	99.1						100.0				100.0		100.0	100.0
GΕ		98.0	98.9	99.1						100.0				190.0		100.0	
GE		98.0	98.9	99.1						100.0			100.0		100.0		100.0
							•										
GE		98.C	98.9	99.1		100.0	100.0	100.0			100.0		100.0		100.0	100.0	
GE		98.0	98.9	99.1		100.0		100.0				107.0		100.0		100.0	
GE		98.0	98.9	99.1				100.0			100.0	102.0		100.0		100.0	
GE GE		98.0 98.0	98.9 98.9	99.1 99.1				100.0	100.0	100.0	100.0	100.0			100.0 100.0	100.0	
O.C.	0001	70.0	70.7	7714	7741	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	*00*0	100.0
GΕ	5001	98.0	98.9	99.1	99.7	100-0	1 00 - 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		98.0	98.9	99.1			1 00.0			100.0					100.0	100.0	160.0
ÜĒ		98.0	98.9	99.1		100.0	100.0	100.0		100.0	100.0	100.0	100.0			100.0	
GE		98.0	98.9	99.1			100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
G€	1001	98.0	98.9	99.1	99.7	160.0	1 co. c	100.0	133.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
						105.3											
GΕ		98.D	98.9	99.1						100.0							
•••				•••••	•••••			• • • • • • •	•••••					• • • • • • •			**** ** * * * * * * *

x.

TOTAL NUMBER OF OBSERVATIONS:

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 797340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62
MONTH: JUN HOURS(LST): 0300-0500

													. 004				
	• • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•• ••• •	• • • • • • •	******	::::::	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••
CEILING	•			_	_					IN STAT							
IN	- !	GE	GΕ	€	GE	GE	GE	GE_	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	- 1	10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	C
*****	• • • •	• • • • • •	• • • • • •	• • • • • • •	•••			• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	
NO CEIL	L	85.9	86.3	86.7	86.7	86.9	86.9	86.9	86,9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000			37.9	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	89.5	88.5	88.5	88.5	88.5	68.5
GE 1800	001	87.5	87.9	88.3	88.3	88.5	88.5	88.5	88.5	88.5	80.5	88.5	88.5	88.5	88.5	80,5	88.5
GE 1600			88.3	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1400			89.8	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	98.4	93.4	90.4	90.4
GE 1200	100	91.7	92.1	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	97.7	92 • 7	92.7	92.7	92.7	92.7
												-	-				
GE 1600	100	93.6	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94 .6
		93.9	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE BOO	ioo	94.6	95.0	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	100	95.5	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
		98.6	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	•	,												• -		,,	
GE SCO	กกเ	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE 3.1		***1	,,,,	99.9	77.7	10010		10010	• 80• 0	100.0	100.0	10:100	100.0	10310	100.0	100.0	100.0
GE 256	100	99.1	99.5	99.9	99.9	10	100.0	100.0	100.0	100.0	100.0	107.0	1	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0		
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0 160.0	100.0 100.0
		99.1	99.5	99.9	99.9	100.0	1 30. 0		100.0	100.0	100.0	100.0	100.0	100.0			100.0
		99.1				100.0	100.0	100.0				100.0	100.0		100-0	100.0	
GE 121	001	77.1	99.5	99.9	99.9	100.0	1 00. 0	100.0	130.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100,0
	•																
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100-0	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99-1	99.5	99.9	99.9	100.0	1 00 · D	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99 • 9	100.0		100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€ 61	וסנ	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.C	107.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	1 CC . O	100.0	100.0	100.0	100.D	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE 10	001	99.1	99.5	99.9	99.9	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							-	-						-			
G€	0	99.1	99.5	99.9	99.9	107.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0
																• • • • • •	

TOTAL NUMBER OF OBSERVATIONS:

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	NTION	NUMBER:	74734C	STATE	ON NAME:	WHIT	E SANDS	MR NH					OF REC				
												MONTH				0600-08	
	IL ING	• • • • • •	• • • • • • •	•••••	•••••	• • • • • •	•••••			IN STAT			• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	•••••
		l GE	GE	GΕ	GE	GΕ	GE	GE 4121	GE	GE	GE HIL	. E S	GΕ	GE	GE	GE	GE
	_	1 10	- 6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0.0
				_							-						
																	•
NO	CEIL	86.6	97.4	87.6	87.8	87.8	87.8	88.0	88.C	88.0	88.0	89.0	88.0	88.0	P8.0	88.0	6.88
GE	20000	88.8	89.6	89.8	98.6	90.0	96.0	90.2	90.2	90.2	90 • 2	90.2	90.2	90.2	90.2	90.2	90.2
GE	18000	9.83	89.7	90.0	90.1	90.1	9G• 1	90.4	90.4	90.4	90.4	97.4	90.4	90.4	90.4	90.4	90.4
		88.9	89.7	90.0	90.1	90.1	90.1	90.4	93.4	90.4	90.4	97.4	90.4	90.4	90.4	99.4	90.4
		90.6	91.4	91.7	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE	12000	91.8	92.6	92.8	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
6E	10000	93.8	94.5	94.8	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE		94.4	95.2	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95+R	95 +8
GE		95.2	96.0	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE	7000	95.4	96.2	96.5	96.6	96.6	96.6	96.9	96 • 9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	6000	1 98.2	99.0	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
LE	5000	1 98.2	99.3	99.6	99.7	99.7	99.7	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4500	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100 • 0
GE		98.2	99.3	99.6	99 , 7	99.7	99.7	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
ÚE.		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3000	1 99.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0
GE	2500	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE	1800	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1500	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥E	1200	1 98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0
GE	1000	99.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0
GE		98.2	99.3	99.6	99.7	99.7	99.7	100.0		100.0			100.0	100.0	100.0	160.0	100.0
GE	800	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ	700	98.2	79.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	600	98.2	79.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	98.2	99.3	99.6	99.7	99.7	99.7	100.C	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100+0	100 -0
GΕ	n	98.2	99.3	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: JUN HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES GE GE GE GE CE IL ING GE IN | GE FEET | 10 GE GE GE 2 1 1/2 1 1/4 Gε 5/8 GE GE GΕ GF GE GF GF GF GE 5 3 2 1/2 C -4 1 3/4 1/2 5/16 1/4 6 .......... NO CEIL | 89.1 90.0 90.2 90.4 90.4 9C • 4 90.4 90.4 90.4 90.4 99.4 90.4 90.4 90.4 90.4 GE 20000| 91.3 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 93.1 94.4 GE 18000| 91.3 GE 16000| 91.7 92.3 92.6 92.7 92.7 92.7 92.7 93.1 92.7 93.1 92.7 92.7 93.1 92.7 93.1 92.7 93.1 92.7 92.7 92.7 93.1 93.1 92.7 140001 93.0 94.4 94.4 94.4 94.4 94.4 94.4 94.8 120001 94.4 94.8 94.8 94.8 94.8 94.8 94.8 94.8 GΕ 100001 95.3 96.5 96.9 97.0 97.0 97.0 97. D 97.0 97.0 97.C 97.0 97.1 97.8 97.0 97.1 97.8 97.0 97.0 97.0 97.0 97.0 90001 95.4 80001 96.1 97.1 97.8 97.1 97.8 97 ·1 97 ·8 96.6 97.3 97.5 97.1 97.1 97.1 97.1 97.8 97.1 97.1 97.8 97.1 97.7 GE GE 97.8 97.8 97.8 70001 96.4 98.0 98.0 98 • D 98.0 98.0 98.0 98.0 98.0 98.0 98 . C 99.5 5000| 98.2 4500| 98.3 GE 99.3 99.7 99.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 99.5 99.5 99•9 99•9 100.0 100.0 100.0 100 .C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 GE 40001 98.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 35 no 1 98.3 99.5 99.9 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.9 99.9 100.0 100.0 170.0 100.0 25001 98.3 20001 98.3 99.5 99.5 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 130.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 190.0 102.0 100.0 100.3 100.0 100.0 1800| 98.3 100.0 100.0 100.0 100.0 100.0 ijΕ 100.0 100.0 100.0 100.0 15001 98.3 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1200 | 98.3 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 98.3 100.0 GE 99.5 99.9 100.0 100.0 1.00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9301 98.3 6001 98.3 7001 98.3 100.0 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĞΕ 99.9 107.0 100.0 100.0 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ЬE 6001 98.3 79.5 100.0 100.0 170.0 100.0 100.0 100.0 100.0 5001 98.3 4001 98.3 3001 98.3 GE GE 99.5 99.9 103.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 99.5 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 .100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1 co.0 100.0 1 co.0 100.0 GE 2001 98.3 99.5 99.9 100.0 100.0 100.3 120.0 100.0 100 0 100.0 100.0 1001 98.3 100.0 99.5 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 99.5 GΕ 31 98.3 99.9 100.0 100.3 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION	NUMBER:	74734C	STATION NAME:	WHITE	SANDS MR	NM

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		_	747346									HONTH	OF REC	HOURS	(L57):	1200-14	
ČĒ.	ILING	• • • • • •	•••••		• • • • • • • •	• • • • • •	•• ••• • •	W 7 C 7	D11 TT V	IN STAT			•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • •
		I GE	GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
	-	10			4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
			£	•				-	•				-			-	-
••	• • • • • •		• • • • • • • •		• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
NO	CEIL	61.9	83.5	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GF	20000	85.4	87.1	87.2	87.2	87.5	67.5	87.5	87.5	87.5	A7.5	87.5	87.5	87.5	87.5	87.5	87.5
	18000		97.1	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	16000		87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
	14000		88.7	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	69.1	89.1
	15000		89.7	89.8	89.8	90.1		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
υC	121.00	01.7	77.1	07.0	37.0	70.1	9C•1	70.1	90.1	70.1	70 • 1	70.1	70.1	70 + 1	70.1	70.1	76.1
6.5	100001		91.5	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92 • 1	92.1	92.1	92.1	92.1	92.1	92.1
			91.8	91.9	92.1	92.3	92.3	92.1	92.3	92.3		92.3			92.3	92.3	92.3
UE.		90.0				92.8		92.8		92.8	92 • 3 92 • 8	92.8	92.3 92.8	92.3			
GE		90,5	92.3	92.4	92.6		92.8		92.8					92.8	92.8	92.8	92 •8
GE		92.3	74.1	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
G€	60031	97.3	99.1	99.2	99.3	99.6	99.6	99,6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 •6
GE.	5000	97.7	99.5	99.6	99.7	100.0	1 50. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.		97.7	79.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6		100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	130.0	100.0
GE		97.7	99.5	99.6		100.0	1 00 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢĒ	3000	97.7	99.5	99.6	99.7	100.0	1 00.0	100.0	100.0	100 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	1 47.7	99.5	99.6	99.7	100.0	1 00 - 0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1800	97.7	99.5	99.6		100.0	1 3G. B	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0
G.E		97.7	99.5	99.6		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6	99.7	160.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
					-				•			-00-0	•				
GE	1000	97.7	99.5	99.6	99.7	100.0	100.0	100.0	1 no • 0	100-0	1110.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 · n	100.0	100.0	100.0
GΕ		97.7	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1ro.0
GÉ		97.7	99.5	99.6		100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
				,,,,,		.00.0							- 00 - 0				
GE	5031	97.7	99.5	99.6	99.7	100.0	100.0	100.0	100.C	100.0	170.0	100.0	100.0	103.0	100.0	100.0	100.0
ĞΕ		97.7	99.5	99.6			1 30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6	99.7	100.5	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	106.6
ĞĒ		97.7	99.5	99.6	99.7		100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.5	99.6		100.0	1 00 0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
		7/**		,			- 5000		2000			• • • • • • • • • • • • • • • • • • • •		- 00 • 0			
GE	SI	97.7	99.5	99.6	99.7	100.0	1 90.0	100.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: JUN HOURS(LST): 1500-1700 CE IL ING VISIBILITY IN STATUTE MILES G E GE GE GE GE GΕ 1 1/2 GE 1 1/4 G E ن IN GE GE GE GE GΕ GE GE 3 2 1/2 1/4 FEET 10 5 1 5/8 1/2 c/16 3/4 6 NO CEIL | 73.9 72.8 73.3 73.5 73.5 73.5 73.5 73.5 73.5 73.7 73.7 73.7 73.7 73.7 77.0 GE 200001 74.1 76.6 76.9 76.9 76.9 76.9 77.6 77.0 77.0 77.0 76.9 77.0 76.9 77.0 76.9 77.3 17.0 17.1 GE 180001 74.1 76.1 76.6 76.9 76.9 76.9 77.0 77.C 77.0 77.0 77.0 77.0 GE 16000| 74.2 GE 14000| 75.4 GE 12000| 77.2 76.2 76.7 77.0 77.0 77.0 77.1 77.1 77.1 77.1 77.1 77.1 77.4 79.2 78.3 80.2 78.2 78.2 78.2 78.7 78.2 78.2 78.3 78.3 78.3 78.3 •0.2 80.0 80.0 90. O 83.0 80.0 80.0 80.2 8 -. 2 90.2 83.2 8 C . 2 GE 100001 78.7 80.8 81.3 81.6 81.6 81.6 81.6 82.1 81.6 81.6 82.1 A1.7 81.7 **01.7** 81.7 .1.7 81.7 e 1 . 7 87.3 90001 79.2 91.3 81.9 82.1 82.1 82.1 82.3 93.5 82.3 82.3 P2.3 82.3 GE GE 80001 80.3 70001 83.7 82.5 83.1 83.3 83.3 83.3 83.3 63.3 83.3 83.5 83.5 87.0 83.5 87.0 83.5 P 3 .5 86.0 86.9 98.4 86.9 86.9 86.9 46.9 47.0 87.0 87.D 86.5 97.9 86.8 98.3 87.Ç GE 60001 94.6 98.4 98.5 98.5 98.5 98.7 99. 98.7 98.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 GF 50001 95.6 98.5 99.1 99.1 99.5 99.5 99.6 99.6 99.6 99.7 99.7 99.9 79.9 99.9 99.9 99.9 45001 95.6 40001 95.6 98.5 99.9 GE 99.9 99.5 GE 98.5 99.1 99.6 99.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.6 GE 35001 95.6 98.5 99.1 99.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 30001 95.6 99.7 99.9 2500| 95.6 2000| 95.6 1800| 95.6 99.1 99.5 99.6 99.6 98.5 99.9 GE GE 99.1 99.1 99.1 99.1 98.5 98.5 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.5 99.6 99.6 99.9 99.9 99.5 99.9 99.6 09.6 99.9 15001 95.6 99.6 99.7 98.5 99.5 99.6 99.7 99.9 99.9 9. 90 99.9 9.49 99.9 99.9 98.5 GĘ 99.9 90.0 99.9 10001 95.6 GE 99.6 99.7 99.7 99.9 99.0 98.5 99.1 99.5 99.6 99.7 99.9 99.9 99.5 99.9 99.9 GE 930| 95.6 78.5 99.1 99.5 99.6 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.7 ьE 98.5 99.7 99.7 GE GE 7001 95.6 99.9 6301 95.6 98.5 99.1 99.5 99.6 59.6 99.7 99.7 99.7 79.9 99.9 99.9 99.9 99.9 1001 95.6 99.5 GF 98.5 99.1 99.6 99.6 99.7 99. 7 99.7 79.9 99.9 .... 99.9 9,90 99.9 99.9 4001 95.6 99.6 99.6 ... GE 98.5 99.1 99.7 ... 99.5 99.9 99.7 99.9 99.9 99.9 99.7 3001 95.6 98.5 99.5 49.7 ... 99,9 99.9 99.9 99.9 99.7 99.9 LE 98.5 99.1 99.7 99.7 90.9 ... 99.9 99.9 90.9 99.9 1001 95-6 98.5 162.0 98.5

3/3 AD-A187 848 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM NOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-55.58-62 MONTH: JUN POURS(LST1: 1800-2000 VISIBILITY IN STATUTE HILES 6 E D CE IL ING ς 6ε 2 IN GE E GE 3 2 1/2 GE 1 1/2 GF GE GE GF GF 1 1/4 3/4 5/8 5/16 1/4 FEET 1/2 10 5 1 6 NO CEIL | 70.3 71.2 71.7 71.7 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 GE 200001 73.3 75.1 75.3 75.3 75.3 75.3 75.3 75.3 75.0 75.8 75.7 77.4 74.8 75.0 76.4 75.4 75.6 77.1 75.8 75.9 77.4 180001 73.8 160001 74.0 75.6 75.8 75.6 75.8 75.8 75.9 75.8 75.9 75.8 75.9 75.8 75.9 75.8 75.8 75.9 75.8 75.9 75.3 75.8 75.9 77.4 75.4 76.9 GE GE 14000 75.4 GE 12000 76.9 77.Z 77.4 78.8 77.4 78.8 77.4 78.8 77.4 77.2 77.4 77.4 78.8 78.8 78.8 78 .8 77.9 78.7 78.8 78.6 78.4 78.5 78.7 81.6 81.7 83.4 86.9 81.7 81.9 83.5 87.1 81.7 81.9 83.5 81.9 81.9 81.9 81.9 81.9 81.9 81.9 GE 100001 79.6 80.8 A1.3 81.9 81.9 81.9 GE GE GE 9000| 79.8 8000| 81.4 82.1 82.1 83.7 87.2 82.1 83.7 82.1 82.1 80.9 81.4 82.1 82.1 82.1 82.1 83.7 87.2 83.7 83.7 70001 85.9 87.1 87.2 87.2 98.4 86.6 60001 93.5 95.6 96.3 96.9 97.6 98.2 98.2 99.2 98.4 98.4 98.4 99.2 99.2 99.2 99.2 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 50001 94.3 45001 94.3 97.1 97.1 97.9 97.9 99.2 99.2 99.8 99.8 38 38 38 38 98.5 99.8 100.0 100.0 100.0 100.0 100.0 98.5 98.5 98.5 99.8 100.0 100.0 100 .0 100.0 100.0 40001 94.3 35001 94.3 97.1 97.9 99.2 99.8 99.8 100.0 100.0 100.0 100.0 100.0 97.1 99.8 100.0 100.0 100.0 100.0 99. 2 100.0 99.2 99.2 99.2 99.8 99.8 99.8 99.8 99.8 99.8 25001 94.3 97.1 97.9 99.2 99.8 99.8 99.8 100.0 100.0 100.0 100.0 GE 98.5 GE 2000| 94.3 1500| 94.3 1500| 94.3 97.1 97.9 97.9 97.9 98.5 99.2 99.2 99.8 99.8 100.0 100.0 100.0 100.0 100.0 98 · 5 98 · 5 98 · 5 97.1 100.0 100.0 100.0 100.0 100.0 GĒ 99. 2 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.0 97.1 99.2 100 -0 GE 100.0 100.0 12001 94.3 99.8 100.0 100.0 97.9 97.9 97.9 97.9 99.2 99.2 99.2 99.2 99.2 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE GE GE 1000| 94.3 900| 94.3 800| 94.3 98.5 98.5 98.5 98.5 99.2 99.2 99.2 99.2 99.8 99.8 99.8 99.8 100.0 100.0 97.1 99.4 100.0 100.0 100.0 99.8 99.8 97.1 100.0 100.0 100.0 100.0 100.0 97.1 97.1 150.0 100.0 100.0 100.0 94.3 7001 99.8 99.8 100.0 100.0 100.0 100.0 GE 1039 100.0 100.0 100.0 500; 94.3 400; 94.3 300; 94.3 200; 94.3 99.2 99.2 99.2 99.2 99.2 6E 6E 99.8 99.8 99.8 99.8 99.2 99.2 99.8 99.8 99.8 97.1 97.9 98.5 99.8 100.0 100.0 100.0 100.0 100.0 97.1 97.1 97.1 98.5 98.5 98.5 98.5 100.0 97.9 99.8 100.0 103.0 100.0 100.0 99.8 99.8 99.8 99.8 100.0 99.2 99.8 99.8 100.3 100.0 100.0 GE GE 97.9 99.8 100.0 99.8 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 GE 01 94.3 97.1 98.5 99.2

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

			747340					MR NM				PERIOD MONTH	OF REC	ORD: 53	-55,58-   (L ST ) :	62 2100-23	
	LING	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•• •••	•••••	• • • • • • • • •	IN STAT		•••••	•••••	• • • • • • •	•••••	••••••	•••••
	N I	GE	GE	GE	GE	GΕ	GΕ	GE	GE	GE	GE	GΕ	GE	GE	GE	GE	GE
	E1 1		6	<b>~</b> 5	•		2 1/2			1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•••	•••••	• • • • • •	• • • • • •	• • • • • • •	•••••	•••••	•• •• • •	•••••	••••••	•••••	•••••		*****	• • • • • • •	•••••	• • • • • • •	*****
NO	CEIL	78.9	80.3	60.3	80.3	80.9	80.9	80.9	80.9	80.9	90.9	80.9	80.9	80.9	80.9	80.9	86.9
GΕ	200001	80.3	81.8	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	18000		81.9	81.9	61.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	160001		81.9	81.9	81.9	82.5	g2 • 5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	14000		82.6	82.8	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
6E	150001	82.3	. 83.7	83.7	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE	100001	83.7	65.2	85.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	. 85.9	85.9	85.9	85.9	85.9	85.9
GE	9000		85.2	85.2	85.2	45.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE	8000	84.4	85.9	85.9	85.9	86.6	86.6	86.6	86-6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86 .6
GΕ	7000 (		88.9	88.9	88.9	89.6	89.6	89.6	89 6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
6E	ecca (	95.2	97.1	97.1	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE	50004	96.2	98.4	98.6	98 - 7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6E	4500		98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	4000	96.6	98.7	98.9	99.1	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ΘE	3500		98.7	98.9	99 • 1	100.0	1 CO. D	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
ĢE	3000 l	96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2500	96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2:001		98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1800		98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	160.0	100.0	103.0
GE	1500		98.7	98.9	99 - 1	100.0	1 00- 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	12001	96.6	98.7	98.9	99 • 1	100.0	1 00.0	100.0	100.0	100.0	120.0	103.0	100.0	190.0	100.0	100.0	100.0
GE	10001	96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0
6E		96.6	98.7	98.9	99 • 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.		96.6	98.7	98.9	99.1	100.0	1 00 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6001	96.6	98.7	98.9	99.1	100.0	1 00 • 6	100.0	100.6	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0
GΕ		96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE.		96.6	98.7	98.9	99.1	100.0	1 00. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39		96.6	98 • 7	98.9	99 • 1	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		96.6	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	120.0	163.3	100.0	100.0	100.0	100.0	100.0
GE	1001	96.6	98.7	98.9	99.1	100.0	1 00. 0	100.0	100.6	100.0	190.0	100.0	100.0	100-0	170.0	100.0	100.0
6E	01	96.6	98.7	98.9	99.1	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					DN NAME:								: JUN			ALL	••••
IL ING	i							A121	BILITY	IN STAT	NIE HIL						•••
1N		GE	GE .	GE_	GE	GE _		GE_	GE	GE	GE.	GΕ	39	GE	GE	GE	6 E
EET		10	6	5	•		2 1/2		1 1/2		1	3/4	5 7 B	1/2	5/16	1/4	
••••	•••	• • • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••••		• • • • • • •	•••••	•••••	• • • • • • •	•••••	•••••	• • • • • •		• • • • • • •	••••
CEIL	10.4	81.3	82.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.
CEIL	• • •		04.7	02.0	02.1	0247	8207	02.07	02.17	02.07	02.07	02.	02.07	0247		0217	
2000	01 (	83.7	84.8	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.
1800			84.9	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.
1600			85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	A5.7	85.7	85.
1400			86.4	86.7	86.8	87.0	67. D	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.i	87.
1200	01 1	86.6	87.8	88.0	88.2	88.3	88.3	88 -4	88.4	88.4	88.4	88.4	88.4	88.4	68.4	88.4	88.
1000	01	88.4	89.7	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.
900			89.9	90.2	90.4	90.6	90.6	93.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.
800			90.9	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.
700			92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93 -
609	01 9	96.7	98.1	98.5	98.7	99.D	99. D	99.1	99.1	99-1	99 • 1	99.1	99.1	99.1	99.1	99.1	99.
500		97.2	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
	•						,,,,					••••	• • • • •		•		
250	oi .	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.9	100.0	100.0	100.
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
180	10 l	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100-0	100.0	100.0	160.0	100.
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0			170.0	100-0	100
120	01	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	130.0	103.0	100.0	100.0	100.0	160.0	100
		97.3		•	99.6			99.9	99.9	99.9	100.0	109.0	100.0	100.0	100.0	100.0	100
		97.3	98.9 98.9	99.3	99.6	99.8	99.8 99.8	99.9	99.9	99.9	190.0	100.0	100.0	100.0	100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0			100.0	100.0	100
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	170.0	100.0	100.0		100.0	100.0	100
		,,,,					,,,,				.,,,,,			10010	•••••		
50	יומו	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	102.0	180.0	100.0	190.0	160.0	100
40	ol '	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	130.0	102.0		100.0	100.0	100.0	100.
30	101	97.3	98.9	99.3	99.6	97.8	99.8	99.9	99.9	99.9	100.0	107.0	100.0	100.0	100.0	100.0	100.
		97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.
10	י וכו	97.3	98.9	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.
	-1										100 -			100 0			100
	31 4	97.3	98.9	99.3	99.6	99.8	99. B	99.9	99.9	99.9	170.0	107.0	100.0	100.0	100.0	100.0	100 •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

\$T	AT 10M	N	UMBERI	747340	STATION	NAME:	WHIT	E SANDS	MR NM					OF REC			0000-02	200
••	• • • • •					• • • • • •				•••••								• • • • • • • • • • • •
CE	ILING	•	- /						VISI	BILITY	IN STAT	UTE MIL	.ES					*
	IN	ļ	GÉ	ĢΕ	6E	GE	GE		GE	GÉ		38	GE	GE	GE	GE	GE	GE
F	EET	ı	10	6	5 ,	4	3	2 1/2	_5	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	8
• •	••••	• •	• • • • • •	• • • • • • •	******	• • • • • •	• • • • • •	** *** *	• • • • • •	****								••••••
NO	CEIL		66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66+8	66.8	66 .8
6€	2000	0 (	67.6	68,2	68.2	6a • 2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE	1800	0	67.8	68.3		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
ĢΕ	1600	01	65.4	69.0	69.0	69.0	69.0	69. D	69.0	69.B	69.0	69 • D	69.0	69.0	69.0	69.D	69.0	69 -0
	1400			71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE	1200	0 1	77.5	78-1	78.1	78.1	78.1	78 - 1	78.1	78.1	78.1	78 • 1	76.1	78.1	78.1	78.1	78.1	78 -1
	1000			82.6		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
6E			83.4	84.1		84.1	84.1	84.1	84.1	84.1	84.1	84 • 1	84.1	84.1	84.1	84.1	84.1	84 .1
GE			84.2	84.9		84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84 .9
GE GE			86.4	87.1		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	67.1	87-1	87.1
UE	21.0	0 1	95.7	96.7	96.7	96 • 7	97.0	97.0	97.0	97.0	97.0	97.D	97.0	97.0	97.0	97.0	97.0	97.0
GΕ	500	0 (	97.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GΕ			98.1	99.C		99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE			98.2	99.2		99.2	99.6	99.6	99.6	99.6	99.6	99.6	99,6	99.6	99.6	99.6	99.6	99.6
ΘE			98.2	99.2		99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	300	C I	98.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GΕ			98.2	99.2		99.2	99.6	99.6	99.6	99.6	99.6	79.6	99.6	99.6	99.6	99.6	99.6	99.6
GE			98.2	99.2			100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE			98.2	99.2			100.0	1 00 · 0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			98.2	99.2			100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.6
GE	126	D I	98.2	99.2	99.2	99.6	100.0	1 00+ 0	100.0	100.6	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
GE	100	01	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GË	90	01	90.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	80	01	98,2	99.2	99.2	99.6	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			98.2	99.2		9,6	100.0	1 CG. O	100.0	100. Õ	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0
GE	60	0	98.2	99.2		99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GĒ			98.2	99.2				100.0	100.0	100.0		100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE			98.2	99.2				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ			98.2	99.2			100.0	100.0	100.0	100.0	100.0	170.0	103.0	100.0	100.3	100.0	100.0	100 0
GΕ			98.2	99.2			100.0	1 00.0	100.0	100.0		100.5	100.0	100.0	100.0	100.0	100.0	100.0
GE	10	וט	98.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	170.0	.100.0	100.0	100.0	160.0	160.0	100.0
GE			98.2	99.2						100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•••	••••	•••				•••••												

TOTAL NUMBER OF ORSERVATIONS:

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM HOURS (LST): 0300-0500 MONTH: JUL VISIBILITY IN STATUTE HILES CE IL ING GE GE GE GE GE GE 2 1 1/4 TN GE GE GE FEET 3 2 1/2 3/4 5/8 1/2 5/16 69.7 69.7 NO CEIL 1 69.0 71.5 71.5 72.4 76.4 81.7 71.5 71.5 72.4 76.4 61.7 71.5 71.5 72.4 76.4 71.5 71.5 72.4 76.4 71.5 71.5 72.4 71.5 71.5 72.4 71.5 71.5 72.4 71.5 71.5 72.4 71.5 71.5 72.4 71.5 71.5 72.4 76.4 GE 200001 70.9 71.5 71.5 71.5 GE 18000| 70.9 GE 16000| 71.8 GE 14000| 75.8 71.5 72.9 71.5 72.4 71 ·5 72 ·4 71.5 72.4 71.5 72.4 76.4 76.4 76.4 81.7 76.4 76.4 76.4 76.4 76.4 76.4 76 .4 81.7 81.7 81.7 GE 120001 41.1 81.7 81.7 GE 100001 86.0 GE 90001 86.7 GE 80001 87.2 GE 70001 89.9 86.7 87.3 87.8 90.5 86.7 87.3 87.8 86.7 87.3 87.8 86.7 87.3 87.8 86.7 87.3 87.8 86.7 87.3 87.8 90.5 86.7 87.3 87.8 86.7 86.7 87.3 86.7 87.3 87.8 86.7 86.7 86.7 86.7 87.3 87.8 87.8 87.3 87.3 87.8 87.3 87.8 87.3 87.8 87•8 90•5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 90.5 GE GE 60001 94.8 95.5 95.5 95.5 95.5 95.5 95.5 95.5 50001 97.0 45001 97.4 40001 97.7 97.8 96.2 98.7 97.6 96.2 98.7 98.7 97.8 98.2 98.7 98.7 97.8 98.2 98.7 97.8 98.2 98.7 98.7 97.8 98.2 98.7 97.8 98.2 98.7 97.8 98.2 98.7 97.8 98.2 98.7 97.8 98.2 98.4 97 · 8 98 · 2 98 · 7 97.8 GΕ 97.8 97.6 97.8 98.2 98.7 98.7 98.2 GE 98.7 98.7 98.7 98.7 98.7 98.7 98 .7 98.7 98.7 98.7 98.7 35001 97.7 98.4 30001 98.4 99.4 99.4 99.5 99.1 99.1 99.1 GΕ 25001 98.1 99.4 99.4 99.4 99.4 99.5 GE GE 99.5 99.5 99.5 99.5 2000| 98.1 1800| 98.1 99.4 99.4 99.5 99.5 99.5 15001 98-1 99.1 99.4 99.4 99.4 99.4 99.5 99.5 99.9 99.5 99.9 99.9 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 GΕ 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 1C001 98.4 99.9 99.9 99.9 99.4 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 9001 98.4 99.5 99.9 99.9 99.9 99.9 G€ 98.4 99.9 7gc| 98.4 630| 98.4 99.9 GΕ 99.7 99.9 99.9 GE GE 5001 98.4 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 99.9 100-0 99.9 99.9 99.9 3001 98.4 99.5 100.0 100-0 100.0 100.0 100.0 GE 99.7 99.7 99.7 99.7 99.7 100.0 100.0 100.0 100.0 90.9 01 98.4 99.5 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

G€

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

				747340									HONTH	OF REC	HOURS	(LST);		
	LING		• • • • •	•••••	• • • • • • •	•••••	•••••	••••••	VISI	BILITY	IN STAT	UTE MIL	. F S	•••••	• • • • • • •	•••••	• • • • • •	•••••
1	N E T	1	GE 10	GE 6	GE S	GE 4	GE 3	GE 2 1/2	GE	GE 1 1/2	39	6E 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	6E 1/4	6 E
•••	• • • •	•••	••••	•••••	• • • • • •	•••••				•••••		• • • • • •	•••••	****	• • • • • • •		•	•••••
<b>HO</b>	CEIL	į	70.7	71.7	71.7	71.8	71.8	78- B	71 - 8	71.0	71.6	71.8	71.8	71.4	71.8	71.8	71.8	71.8
GE	2000	01	73.1	74.1	74.1	74.2	74.2	74.2	74 .2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74 .2
GĒ	1800	01	73.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
6E	1600	01	73.7	74.9	74.9	75.0	75.0	75.0	75.0	75. g	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GΕ	1400	CI	78.4	79.6	79.6	79.7	79.7	79•7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
Œ	1500	01	82.5	93.7	83.7	83.8	83.8	83.8	43.6	03- g	83.8	63.6	83.8	83.8	83.8	83.8	83.8	83.8
6E	1000	01	88.8	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	93.3	90.3	98.3
GΕ	900	01	89.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE	900	01	90.3	91.6	91.6	91.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.6	91.8	91.8
GE	700	01	91.8	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.5	93.8	93.0	93.8	93.6	93.8
GE	600	01	94.6	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	46 - 6	96.6	96.6	96.6	96.6	96.6	96.6
GE	500	01	95.2	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE			95.9	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.6	97.6	97.6
GE	480	01	96.9	98.6	98.6	98.9	98.9	98.9	98 • 9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
G€	350	01	96.9	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	300	0 (	96.9	98.6	98.6	98.9	99.0	99.0	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GΕ	250	0 (	96.9	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	500	01	97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	79.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	180	01	97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE			97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	120	81	97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GΕ	100	01	97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE			97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GΕ	80	0 1	97.3	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE			97.3	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	77.6	99.6	99.6	99.6	99.6	99.6
Œ	60	01	97.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE			97.3	99.2	99.4	99.6	99.7	99. 7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ			97.3	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE			97.3	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.C	107.0	100.0	100.0	100.0	100.0	100.0
GE			97.3	99.4	99.5	99.9	100.0	1 00 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100 -0
GE	10	01	97.3	19,4	99.5	99 • 9	100.0	1 00.0	100.0	100.0	130-0	130.0	100.0	100.0	100.0	170.0	100.0	100.0
6E		01	97.3	99.4	99.5	99.9	100.0	100.0	100.0	103.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
														<del>.</del> .		<del>.</del>		

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM POURLY $\sigma_{BS}_{\epsilon}$ rvations

					STATION	••		-						OF REC	HOURS	(LST):	0900-11	co	
	L ING	•••	••••	• • • • • • • •	•••••	• • • • • •	•••••	••••••	1214	RILITY	IN STAT	 ute m.i	FS	•••••	• • • • • • •	•••••	•••••	•••••	•••
1		ı	6E	GE	GE	GE.	GE	GE	6E	GE	GE.	GE	GE	Gε	GE	GE	GΕ	GE	
FĒ		i	10	- 6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	Ĩ.	
_		•	*****						• • • • • • •		*****				• • • • • • •				
	••••															••••	-		
NO	CEIL	ı	74.2	74.6	74.6	74.8	74.8	74 . 8	74.8	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74 .8	
GF	20000		77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78 .5	
_	18000		-	78.6		78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.9	78 . 9	78.9	78.9	78.9	78.9	
	16000	-		78.6		78.9	78.9	78.9	78.9	78.9	78.9	76.9	78.9	78.9	78.9	78.9	78.9	78.9	
	14000			84.1		84 - 4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	64.4	84 .4	
GE	12000	ì	87.2	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
űĒ	10000		01.5	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92 • 1	92.1	92.1	92.1	92.1	92-1	92.1	
GE			92.B	92.4		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.5	92.6	92.6	92.6	92.6	
GE			92.2	92.6		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.5	92.9	92.9	92.9	92.9	
GE			92.7	93.4		93.6	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE	6000	ì	95.0	95.7		95.9	95.9	95.9	95.9	95,9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE	Scor	3 B	96.2	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE			96.6	97.2		97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE			96.9	97.6		97.8	97.8	97.8	97.8	97.8	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE	3500	i	97.1	97.7	•	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
CE	3000	i	97.1	97.7	97.7	98.0	98.1	98. Î	98 .1	98.1	98.1	98.1	98.1	98 - 1	98.1	98.1	98.1	98 -1	
GE	2500	1	97.2	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	99.2	98.2	98.2	98.2	98.2	98 .2	
38			97.8	98.5		98 - 7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	78.9	98.9	98.9	
GE			97.8	98.5		98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE			98.1	98.7		99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE	1200	ij	98.2	98.9		99.2	99.4	99. 4	99.4	99.4	99.4	99,4	99.4	99.4	99.4	99.4	99.4	99.4	
GE	1000	11	98.2	98.9	99.J	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GΕ			98.2	98.9		99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE			98.2	98.9		99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE			98.2	98.9		99.2	99.4	99.4	99.4	99.4	99.4	99.	99.4	99.4	99.4	99.4	99.4	99.4	
GE	600	1	98.2	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE	500	1 8	98.3	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE			98.3	99.1		99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GΕ			98.6	99.5		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1:0.0	
ĞΕ			98.6	99.5		99.9	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	103.0	100.0	100.0	
GE	100	1	98.6	99.5		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	a	) [	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	107.0	190.0	100.0	100.0	100.0	100.0	

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						ON NAME:							MONTH	OF REC	HOURS	(LST):		
• •	• • • •	•••	• • • • • •	• • • • • • • •	•••••	•••••	• • • • • •	•• ••• •						*****	• • • • • • •	•••••	• • • • • • •	*
	IL IN	٠.									IN STAT			_				
	IN	•	GE	GE .	GE	GE	GE _	GE	GE	GE	GE	GE	GE	GΕ	ĢΕ	GE	G€	GE
	EET	ı		6	5	4	3	2 1/2	2	1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
••	• • • •	• • •	• • • • • •	• • • • • • •	•••••	******	• • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	•••••	•••••	• • • • • • •	••••
NO	C£ 11	. 1	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
G€	2000	100	71.7	72.1	72.1	72.1	72.1	72.1	72 - 1	72.1	72.1	72 - 1	72.1	72.1	72.1	72.1	72.1	72.1
G€	180	100	72.3	12.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE	1600	oc i	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE	1400	100	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE	1200	100	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3	78.3	78.3	78.3
GE	1000	100	80.7	81.1	61.1	81.1	81.1	81.1	81.1	81.1	81.1	01.1	81.1	81.1	81.1	61.1	81-1	81.1
GE	900	100	81.4	81.8	81.8	81.5	81.6	81.8	81.8	81.8	81.8	61.0	81.8	81.8	81.8	01.g	81.8	81.8
GΕ	800	100	61.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	61.9	81.9	81.9	81.9	81.9	81.9	81.9
GE	700	100	84.4	84.8	84.8	84 9	84.9	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE	600	ŋ	94.6	95.2	95.4	95.5	95.5	95 · Ś	95,7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
68	500	100	96.7	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GΕ	45	100	97.3	97.8	98.1	98.2	98.2	98 • 2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
űE	40	jot	97.7	98.2	98.5	98.6	98.6	96 • 6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	356	100	98.0	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99 - D	99.0	99.0	99.0
GE	300	100	98.0	98.5	98.7	98.9	98.9	98. 9	99.0	99.0	99.0	99.0	99.0	99.3	99.0	99.0	99.0	99.0
GE	251	100	98.0	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE			98.6	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE			98.6	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GΕ	150	100	98.7	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	120	100	98.7	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	100	100	98.7	99.2	99.5	99.+6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	91	100	98.7	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
'GE	8 (	100	98.7	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	70	101	98.7	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	6 (	100	99.0	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	5 (	100	99.8	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	160.0	100.0
GE			99.0	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.0	99.5	97.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĞE			99.0	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1 :	10 (	99.0	99.5	99.7	99.9	99.9	99.9	100.0	100+ G	100.0	100.0	103.0	100.0	100.0	100.0	100.0	100-0
GΕ			99.0	79.5	99.7	99.9	99.9	99.9			100.0							100.6

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CHILING VERSUS VISIBILITY. FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 MONTH: JUL FOLKS(ES STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NH FOLRS (LST): 1500-1-00 VISIBILITY IN STATUTE MILES CE IL ING GE GE GE 2 1 1/4 IN I GE FEET | 1 ,6E ' 5 GE GE 1/2 GE GE GE 10 3 2 1/2 5/8 5/16 1/4 a NO CEIL | 52.9 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1 GE 200001 60.6 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 67.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 GE 18000| 60.6 60.9 60.9 60.9 60.9 60.9 60.9 GE 160001 60.8 GE 140001 62.2 61.0 61.0 61.0 61.0 61.0 61.0 62.6 64.9 61.0 61.0 61.0 62.6 61.0 61.0 61.0 61.0 61.0 61.0 62.6 62.6 64.9 62.6 62.6 62.6 64.9 GE 120001 64.5 64.9 64.9 64.9 64.9 64.9 69.5 70.0 75.6 68.7 69.5 7<sub>()</sub>.<sub>()</sub> 75.6 68.7 69.5 70.0 75.6 68.7 69.6 70.1 68.7 68.7 69.5 68.7 68.7 69.5 68.7 69.5 100001 69.0 69.5 75.1 69.5 69.5 69.5 69.6 69.6 GE 90001 69.6 70.0 75.6 70.0 75.6 94.4 GE 80001 70001 70.0 70.0 70.0 79. C 70.0 70.0 70.1 75 · 6 75 · 6 75.7 94.5 75.7 94.5 GE 75.6 75.6 75.6 75.7 GE 94.0 94.4 94.5 94.3 60001 94.4 5000| 96.0 4500| 96.5 4000| 96.5 3500| 96.9 97.1 97.7 97.7 91.8 98.4 97.8 98.4 98.4 97.9 98.6 98.6 97.8 97.6 97.8 98.4 97.8 97.8 97.6 97.9 98.6 97.9 98.6 98.6 GE 97.3 97.5 97.9 98.4 98.2 GE 97.8 98.4 98.4 98.4 98.4 98.6 98.4 98.8 99.1 98.4 98.8 98.4 98.6 99.0 99.0 98.8 99.1 99.8 98.8 99.0 G€ 96.8 99.0 30001 97.1 GE 98.3 98.4 98.8 99.1 99.2 99.5 99.6 99.6 99.6 98.8 99.0 99.0 99.0 99.2 99.4 99.4 99.4 99.5 99.6 99.6 99.6 99.5 99.6 99.6 99.5 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.6 99.7 99.7 99.6 99.7 99.7 99.7 GE GE 25001 97.5 98.7 99.5 99.5 99.5 99.6 99.5 99.6 9.6 98.8 98.8 98.8 20001 97.7 18601 97.7 15001 97.7 99.6 99.7 99.6 99.6 99.6 99.6 99.6 99.6 99.7 GΕ GE GE 99.6 99.7 1200 | 97.7 99.0 99.4 99.6 99.6 99.7 99.7 10001 97.7 99.0 99.6 99.6 99.7 99.7 99.9 100.0 GE 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 GE GE 9001 97.7 98.8 99.0 99.4 99.6 99.6 99.7 99.7 99.7 99.9 99.9 99.9 99.7 100.0 100.0 99.7 100.0 100.0 99.0 99.7 99.9 ſ.F 7001 97.7 98.8 99.4 99.6 99.6 99.7 99.9 100-0 100.0 ĞĒ 97.7 6301 98.8 99.4 99.6 100.0 100.0 99.0 99.0 99.0 99.9 99.9 99.9 99.9 99.9 99.9 GE 5001 97.7 99.6 99.6 99.6 99.6 99.7 99.7 99.7 100.0 100.0 98.6 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 GΕ 400 | 97.7 98.8 99.4 99.6 99.6 99.7 99.7 100.0 100.0 G€ GE 99.7 99.7 100.0 100.0 99.9 2001 99.0 100.0 GE 1001 97.7 98.8 99.0 99.6 99.6 99.1 99.9 100.B 100.0 99.6 GE 61 97.7 98.8 99.0 99.4 99.6 99.6 99.6 99.7 29.7 99.7 99.9 9.99 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

770

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#### PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM POURLY $0_0 S_E RVATIONS$

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM CE IL ING VISIBILITY IN STATUTE MILES GE GC GE 2 1 1/2 1 1/4 GΕ 6E GΕ GE GE FEET I 3 2 1/2 1 10 4 3/4 5/8 1/2 =/16 NO CEIL | 54.8 55.7 55.7 55.7 55.7 55.7 55.7 55.7 55.1 55.1 55.1 55.6 55.6 55.6 55.7 55.7 63.0 63.2 63.8 63.0 63.2 63.8 62.4 62.6 63.2 62.9 63.0 63.7 63.0 63.0 63.0 63.0 200001 61.5 62.3 63.0 63.0 62.9 62.9 63.0 GE 16000 62.3 62.4 63.0 65.8 63.0 63.0 63.2 63.8 63.2 62.4 63.2 63.8 63.2 63.2 63.2 63.0 65.8 63.8 63.8 63.8 140001 66.6 66.0 66.5 66.5 66.6 72.0 72.0 GE 12cool 70.3 71.3 71.9 72.0 72.0 72.0 72.0 72.0 75.3 75.9 76.1 75.3 75.9 76.1 GE 100001 73.6 74.5 74.7 75.2 75.2 75.3 75.3 75.3 75.3 75.3 75.3 9000| 74.2 8000| 74.4 7000| 79.2 75.2 75.3 80.4 75.8 75.9 81.1 75.9 76.1 81.4 97.2 GE 75.2 75.3 75.3 75.8 75.9 75.8 75.9 75.9 76.1 75.9 76.1 75.9 76.1 75.9 76.1 75.9 75.9 75.5 76.1 76 .1 GE 80.4 81.2 91.4 97.0 81.4 81.4 81.4 81.4 81.4 61.4 97.2 GΕ GE 50001 96.0 97.4 98.0 98.4 98.4 98.6 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 98.0 98.1 98.1 98.4 98.6 98.6 99.1 99.4 99.4 45001 96.0 40001 96.1 97.4 97.5 97.7 98.4 98.6 98.9 99.2 98.9 99.2 99.4 99.1 99.4 99.1 99.1 99.1 99.4 98 • 6 98 • 6 98.9 99.2 ... GE 35 nn l 96.1 97.5 99.2 99.4 99.4 99.4 99.4 99.4 98.6 30001 96.1 97.5 98.1 99.2 99.4 99.4 99.4 98.6 99.4 GE 2500| 96.1 2000| 96.4 1800| 96.4 97.5 97.7 98.1 98.1 98.1 98.6 99.1 99.1 99.1 98.6 99.1 99.9 99.2 99.7 99.2 99.4 99.8 99.4 99.4 99.4 99.4 99.4 99.4 99.8 98 · 6 98 · 6 98.C 99.8 98.0 99.1 99.1 99.4 99.7 99.8 99.8 99.8 GE 99.8 99.8 99.A 96.4 98.0 98.6 99.8 GE GE 12001 96.4 98.0 98.1 99.1 99.7 99.8 99.8 99.8 1000 96.6 9001 96.6 8001 95.6 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.2 99.2 99.2 100.0 98.1 98.1 98.3 98.3 98 . g 98 . 8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.8 99.8 GE 99.8 180.0 100.0 100.0 ing.o 120.0 100.0 98.8 98.8 99.8 100.0 107.0 100.0 100.0 100.0 GE 7001 96.6 98.1 98.3 99.2 99.2 99.8 170.0 100.0 100.0 100.0 100.0 6001 96.6 100.0 100.0 98 . 1 99.5 99.5 99.5 GE 5001 96.6 99•2 99•2 99•2 99.8 100.0 100.0 100.0 100.0 98.1 98.3 98.8 99.2 99.8 100.0 100.0 100.0 100.0 100.0 100.0 4001 96.6 3001 96.6 98.1 98.1 98.3 98.3 98.8 98.8 99.2 99.8 99.8 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 GΕ 99.5 GE 2001 96.6 98.1 98.8 99.2 99.2 99.8 100.0 100.0 100.0 100.0 GE 98.1 98.3 98 . 8 99.2 99.2 99.5 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 01 96.6 98.1 98.3 98.8 99.2 99.2 99.5 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING YERSUS VISIBILITY FROM HOURLY $\sigma_{BS}_{\varepsilon}$ rvations

-		•	74734C		ON NAME:	WHITI	E SANDS	HR NH				PERIOD	OF REC	ORD: 53	-55.58-	62	
												MONTH	: JUL	HOURS	(LST):	2100-23	
	LING	•••••	• • • • • • •	• • • • • • •	••••••	• • • • • •	•• ••• • •	VISI	RILITY	IN STAT	UTF MIL	ES	•••••	• • • • • • •	•••••	• • • • • • •	*********
		GE	GE	GE	GΕ	GE	GE	GΕ	GE	GE	GΕ	GΕ	GΕ	GΕ	Gξ	GΕ	GE
		10	6	5	4		2 1/2		1 1/2		1	3/4	5 / 8	1/2	5/16	1/4	G
• • •	••••	•••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•• ••• • •	• • • • • • •	•••••	*****	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	••••
NO	CEIL	62.2	62.5	62.5	62.5	62,5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
í.E	20000	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
	18000		66.3	66.3	66 - 3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GΕ	16000	66.5	66.8	66.8	66 . 8	66.8	66 · B	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	14000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.0	70.0	70.0	70.0
G€	12000	75.6	76.0	76.D	76 - 0	76.0	76.D	76.0	76 · 0	76.0	76 . D	76.0	76.0	76.0	76.0	76.0	76.0
GΕ	16000	78.0	78.4	78.4	78.4	76.4	78.4	78.4	78.4	78.4	78.4	79.4	78.4	78.4	78.4	78.4	76.4
GE		79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE		79.6	60.0	80.0	80 • C	80.0	60. G	80.C	80.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GΕ		84.1	94.5	84.5	84.5	84,5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE	6C D ()	95.4	96.3	96.3	96.3	96.5	96.5	96.6	96.6	96•6	96.6	96 • 6	96.6	96.6	96.6	96.6	96 .6
bΕ		97.3	98.2	98.2	98 • 2	98.4	98.4	98.6	98.6	98.6	98.6	98,6	98.6	98.6	98.6	98.6	98 .6
GE		97.3	98.2	98.2	98 • 2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98 • 6	98.6	98.6	98.6
GE		97.8	98.7	98,7	98.7	98.9	98 • 9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		97.8	98.7	98.7	96.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
ÜE	3000	97.8	98.7	98.7	98.7	98.9	98.9	99.0	99.0	99,0	99.0	99.0	99.C	99.0	99.0	99.0	99.0
GE	2500	97.8	98.7	98.7	98 . 7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.D	99.0
6E	2000	97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.8	98.7	99.0	99.2	99.4	99. 4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
₽£		97.8	98.7	99.0	99 • 2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99 .5
GE	1200	97.8	98.7	99.0	99 • 2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	1000	97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GΕ		97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.8	98.7	99.0	99 . 2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99 .5
GE		97.8	98.7	99.0	79.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
űĒ	6 0 0	97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.6	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		97.8	98.7	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	90.5	99.5	99.5	99.5	99.5	99.5
GE		97.8	98.7 98.7	99.0	99.2	99.4	99.4 99.4	99.5 99.5	99.5	99.5	99.5 99.5	99.5	99.5 99.5	99.5	99.5	99.5	99.5 99.5
UĽ		•	78,7	77.U	99 • 2			77.03			•					•	-
GE		97.8	98.7	99.0	99.4	99.5	99.5	100.0		100.0							
• • •					*******				*****								********

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

57	ATION N	UMBER:	747340	STATI	ON NAME:	UHIT	E SANDS	HR NH						OPD: 53			
												HONTH			(LS1):	ALL	
	IL ING	• • • • • •	• • • • • • • • • • • • • • • • • • • •	••••	•••••	• • • • • •	••••••			IN STAT			• • • • • •	• • • • • • •	•••••	• • • • • • •	••••
	IN I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	٥E	GΕ	GE
	EET J	10	6	5	4		2 1/2	2		1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
••										• • • • • • • •		• • • • • •					
										_		_					
NO	CEIL !	64.6	65.1	65.1	65.1	65.2	65 • <i>2</i>	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
~ =	200001	400	69.4	69.4	69.5		69.5	69.5	40 4	40 4			69.6	69.6	69.6	69.6	69.6
	180001		69.7	69.7	69.7	69.5 69.8	69.8	69.8	69.6 69.8	69.6 69.8	69•6 69•8	69.6 69.8	69.8	69.8	69.8	69.8	69.8
	16000		70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
	140001		73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
	120001		77.9	77.9	78 . ú	78.0	78.0	78.0	78.0	78.9	78 . C	78.0	78.0	78.3	78.0	78.0	78.0
								• • • •								,	
GE	100001	81.4	82.0	82.0	82.1	82.1	82.1	62.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	62.2
GE	9000	82.2	92.8	82.8	82.9	63.0	83.0	83.0	83.0	83.0	93.0	83.0	83.0	83.0	83.0	83.0	63.0
GΕ	80001	82.6	83.3	83.3	g3.4	83.4	83.4	83.4	83.4	83.4	93.4	83.4	83.4	83.5	83.5	83,5	P3.5
GE	70001	85.7	86.4	86.4	86 .5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86 .6
ũE	60001	94.6	95.6	95.7	95.8	96.0	96.0	96.0	96.C	96.0	96.1	96.1	96.1	96 • 1	96.1	96.1	96.1
GE	50001	04 E	97.5	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
66			97.9	97.9	98 • 1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.4
GE			98.2	98.3	78.5	98.7	98 • 7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE	35001		98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	76.9	98.9	98.9	98.9	98.9	98.9	98.9
GF	30001		98.4	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.0	99.0
٠.												•				-	•
GE	25001	97.5	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE			98.8	99.0	99 • 2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE	16001	97.0	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
ĢĒ	15001		98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 .6
GE	12001	97.9	98.9	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	10001	97.9	99.O	99.1	99.4	99.6	99.6	99.6	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	59.7
GE		97.9	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		97.9	99.0	99.1	79.4	99.6	99.6	99.6	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		97.9	99.0	99.1	99.4	99.6	99.6	99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE	6001	97.9	99.C	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	97.8	99.8	99.8	99.8	99.8	99.8
GE	5001																99.9
GE		97.9 97.9	99.0	99.2	99.5	99.7	99.7	99.7	99.8 99.g	99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8	99.8	99.9	99.9
GE		98.0	99.1	99.2	99.5 99.6	99.7	99.7 99.7	99.7 99.8	99.9	99.8 99.9	99.9	99.0	99.9	99.9	99.9	99.9	99.9
GE		98.0	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.0	99.9	99.9
GE		98.0	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ	o i	98.0	99.1	99.3	99.6	99.8	99.8	99.9	.99.9	99.9	79.9	90.9	99.9	100.0	100.0	100.0	100.0

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY $\sigma_{BS}_{E}$ rvations

						ON NAME							MONTH	OF REC	HOURS	(LST):	0000-02	
CE		••••	•••••	• • • •	•••••	•••••	••••••	•• ••• • •	******	******				•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • •
	ILING In	1 GE	c	E	G€	GE	GE	GE	2E A 12 1	GE BILIIA	IN STAT	UIE MIL GE	.E.S	GE	GE	GE	GE	GE
	ΕT		0	٠,	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	9.0
	-	-	•••••	-				- •, •	• • • • • •					5,0				
•••										•••••		• • • • • • • • • • • • • • • • • • • •			•••••			
NO	CEIL	1 74.	7 74	• 7	74.7	74.7	74.7	74 . 7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74 .7
GF	20000	1 76.	5 76	. 5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	18000				76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	16000				76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	14200				79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE	12000	84.			84.9	84.9	84.9	. 64.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	94.9	84.9	84.9
i.F	10000	11 BB.	8 88	. 8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	85.8	88.8	88.8	88.8	88.8	88.8
GE		11 89			89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE		89.			89.5	89.5	84.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	69.5	89.5	89.5
GΕ	7000	91.			91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GΕ	6000	97.	0 97	• 1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	5000	97.	7 98	. 2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE		98.			99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99 .2
GE	4000	98.	5 99	• 5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	3500	98.	5 99	. 5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 .6
G€	3000	98.	9 99	. 9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	130.0	100.0	100.0	100.0
GE	25.00	1 98.	9 99	. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		1 99.			100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.			100.0	100.0		100.0	100.0	100.G	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0
ЬĒ		98.			100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0
GE	1000	1 98.	9 99	. 0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	170.0	107.0	100.0	100.0	100.0	100.0	10.0
GE		98.			100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		98.			100.0	100.0	100.0	icc.c	100.0	100. C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700	98.	9 99	. 9	100.0	100-0	100.0	1 CO. G	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C
GE	600	98.	9 99	. 9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 ·C
GE	500	1 99.	9 99.	. 0	100.0	100.0	100.0	106.0	100.0	100.6	100.0	100.0	100-0	100.0	100.0	100.0	103.0	100.0
GE		98.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0
GΕ		98.			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		I an			100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GΕ		98.			100.0	100.0	100.0	100.0	100.3	100.0	120.0		100.0	100.0	190.0	100.0	100.0	100.0
GE	_	1 98.	9 79.		100.0	100.0	100.0	100.0			•••				100.0	100.0	100.0	100.0
			•••••	• •		100.0	100.0	100.0	100.0	100.0	100.3				100.0			100.0

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM MOURLY $\sigma_{BS}_{E}$ rvations

CEILLING IN 1 GE GE GE GE GE GE GE GE GE GE GE GE GE							ON NAME:	•						MONTH	OF REC	HOURS	(LSTI:	-	CO
NO CEIL   75.3   75.3   75.5				• • • • •	• • • • • • •	••••••	• • • • • • • •	• • • • • •	•••••	visi	BILITY	IN STAT	UTE MIL		••••	•••••	•••••		•••••
NO CEIL   75.3   75.3   75.5	FE	E T	i	10	6									_					G E O
02 10001 77.0 77.0 78.0 78.0 78.0 78.0 78.0 78.0				-		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
EE 16000 80.1 80.1 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3	GΕ	2000	01	77.9	77.9	78.0	78.0	78.0	78.0	78.3	78.0	78.0	78 . C	79.0	78.G	76.0	78.0	78.0	78.0
GE 12001 80.3 80.3 80.3 80.3 80.3 80.3 80.3 80.3	GĒ	1800	0	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	79.0	78.0	78.0	78.0	78.0	78.0
GE 12cm   86.4   86.5	GE	1600	οj	78.0	78.0	78-1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	76.1	78.1
GE 10000   90.1   90.1   90.2	ĢE	1400	01	89.1	90.1	89.3	80.3	80.3	8G. 3	80.3	80.3	80.3	86.3	8 ~ . 3	80.3	80.3	80.3	80.3	00.3
GE 8000 91.1 91.1 91.1 91.1 91.1 91.1 91.1 9	GE	1500	0	66.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	96.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 80001 91.1 91.1 91.1 91.1 91.1 91.1 91.1	GE	1000	01	90.1	90.1	90.2	90.2	90.2	96.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 80001 91.1 91.1 91.2 91.2 91.2 91.2 91.2 91.	GE	900	e i	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1		91.1	91.1	91.1	91.1	91.1
GE 7001 92.1 92.1 92.2 92.2 92.2 92.2 92.2 92.	GE	800	0 )	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2		91.2	91.2
GE 60001 96.5 96.7 96.9 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97	GΕ	700	01	92.1	92.1		92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
6E   4500  97, 98.2   98.4   98.5   98.5   98.5   98.5   98.5   98.5   98.5   98.5   98.5   98.5   98.6   99.4   99.5   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.7   99.9   9	GΕ	600	0	96.5	96.7	96.9	97.0	97.0		97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8
6E 4500  97.9 98.2 98.4 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5	GE	500	10	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98 .2
GE 8001 98.6 99.0 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.4 99.4	GΕ	45C	01	97.9	98.2	9 4	98.5	98.5	98.5	98.5	98.5	98.5	98.6		98.6	98.6		98.6	98
GE 3500 98.6 99.0 99.1 99.2 99.4 99.8 99.8 99.8 99.2 99.2 99.2 99.8 99.8	GE							99.2	00.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4			99.4
GE 3000 98.7 99.1 99.2 99.4 97.8 99.8 99.8 99.8 99.8 99.6 99.6 99.5 99.5 99.5 99.5 99.5 99.5	GE	35 n	nΪ	98.6	99.0	99.1				99.2	99.2	2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 18001 99.1 99.5 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7	GE				99.1	99.2			99.4					99.5	99.5	99.5	99.5	99.5	99.5
GE 18001 99.1 99.5 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7	GE	250	0.1	99.0		99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800  99.1 99.5 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7																			99.9
GE 1001 99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9	GE									99.7	99.7		90.0	99.9	99.9	99.9		99.9	99.9
ĞE       1200  99.2       99.6       99.7       99.9       99.9       99.9       99.9       99.9       99.9       100.0	í.E												99.9		99.9			99.9	99.9
GE 900  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9					99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9001 99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 100.0 107.0 100.0	GE	190	91	99.2	99.6	99.7	00.9	99.9	99.9	99.9	99.9	99.9	120.0	167.0	100.0	100.0	170.0	100.0	100.0
GE 800  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9	GE																		100.0
GE 700  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9	GΕ																		100.0
GE 600 99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9																			106.0
GE 400  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9	GE																		100.0
GE 400  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9	GE	50	01	99.2	99.6	99.7	99.9	99.0	00. 9	99.9	99.0	99.9	100.0	100-0	100.0	100.0	100.0	160.0	100.0
GE 300  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 99.9																			100.0
GĒ 200  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 97.9 100.0																			100.0
GE 100  99.2 99.6 99.7 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0																			100.0
CE 01 00 2 00 4 00 7 00 0 00 0 00 00 00 00 00 00 00 00																			100.0
DE LIETTAK TYAN TYAI TYAY TY.V TYAY TYAN YYAY LUNAN LUNAN LUNAN LUNAN LUNAN LUNAN LUNAN LUNAN LUNAN LUNAN	6E		el	99.2	99.6	99.7	99.9	99.9	99.9	99.0	99.9	99.9	100.0	100.0	100.0	103.0	100.0	100.0	100.0

FOTAL NUMBER OF OBSERVATIONS:

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{\omega} s_{\epsilon} r v a \tau ions$

STA	110N	NUPBER	: 747340	STATI	ON NAME:	TIHW	E SANOS	MR NM					OF REC		1-62 (ILST):	0660-06	306
	L ING	•••••	•••••	•••••	•••••	• • • • •	••••••			IN STAT			•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••
	IN	i GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE .	GE	GE	GE	GΕ	GE
		1 10		5	ŭ.,		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	۵
_		•												172	3, 20		
•••		••••	•••••													*	
NO	CEIL	1 75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE	20000	1 78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
		78.4		78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78 - 9	78.9	78.9
		79.		79.7	79.7	79.7	79.7	79.7	79.7	19.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
		81.1		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE	12000	80.6		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	10000	1 93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	.94.2	94.2	94.2	94.2	94.2	94.2
ĠΕ	9000	1 94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95 •2
GE	8000	1 95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95 .8
GE	7000	1 95.7	96.2	96.2	96 . 2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96 • 2	96.2	96.2	96.2	96 .2
GΕ	6D00	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
G€		6 97.9		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.4	98.4	98.4	98.4	90.4	98 .4
GE		98.0		98.5	98 • 5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5
GE		98.7		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99 •2
GE		98.7		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	3000	1 98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99 • 2	99.2	99.2	99 •2
GE	2500	L 98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	2000	98.9		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1800	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
6E	1500	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	90.5	99.5	99.5	99.5	99.5	99.5
GE	1200	1 99-1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 -6
GE	1000	1 99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		1 99.2		99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ		99.2		99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ĞĒ	700	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
G€		1 99.2		99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9
GE	500	1 99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.C	100.0	100.0	100.0	100.0	199.0	100.0	100.0	100.0
úΕ		99.4		99.9	99.9	99.9	99.9	99.9	100.C	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		99.4		99.9	99.9	99.9	99.9	99.9	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		1 59.4	99.9	99.9	99 • 9	99.9	99.9	99.9	109.0	100.0	100.0	100.0	100.0	130.3	100.0	100,0	100.0
GE	ņ	99.4	99.9	99.9	99.9	99.9	99, 9	99.9	100.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
							• -			-							

TOTAL NUMBER OF OBSERVATIONS:

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{BS}_{E}$ rvations

			• • •										: AUG		(LST):		
	ING									IN STAT							••••
ĮN		GE	GE	6E	GE	GE	Œ	GE	GE	GE	GE	GE	6 E	6E	GE	GE	GE
FEE	:1 }	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	•
• • •	••••	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	••••	•••••		• • • • • • •	••••
0 0	E1L 1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	61.4	81.4	81.4	81.4	81.4	01.4	81.4	61.4	61.4
		0101		••••	01.4	0104	940 1	••••	•••	••••		••••	•••	••••		••••	•••
E 2	00001	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
E 1	10008	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85 .5
	60001		85.9	85.9	85.9	85.9	85.9	85.9	859	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85 -9
	40001		87.3	87.3	87.3	87.3	67.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	67.
E 1	2000	92.3	92.3	92.3	92.3	92.3	92. 3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.
E 1	00001	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95 . 1	95.1	95.1	95.1	95.1	95.1	95.
	9000		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.
E	7001	96.5	96.5	96.5	96.5	96.5	96 • 5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.
Ε	60001	98.2	98.2	98.2	98 . 2	98.2	98.2	98.2	98.2	98.2	98 • 2	94.2	98.2	98.2	98.2	98.2	98.
	50001	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.
		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
		96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.
E	35001	98.7	98.7	98.7	98 . 7	98.7	98.7	98.7	98.7	98.7	98 . 7	99.7	98.7	98.7	98.7	98.7	96.
Ε	3000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99. i	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
Ε	25 nn i	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99
		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
	15001	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	79.9	99.9	99.
	1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
	10001	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100
		100.0	100.0	100.0	100.0	100.0	1 90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
		100.0	1 cc+ c	102.0	100.0	100.0	1 20. 0	100.0	100.D	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100
Ē	700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Ε	600	160.0	100.0	100.0	100.0	100.0	1 CD • O	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
	5001	103.0	100.0	100.0	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
		l na·c	100.0	100.0	100.0		i co. o	100.0	100.0		130.0	100.0	100.0	100.0	100.0	100.0	100.
Ε		100.0	120.0	100.0	1 ng • p	100.0	100.0	100.0	100.0	100.0	100.0	102.0	100.0	100.0	100.0	100.0	100 .
Ē		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 .
		100.0	130.0	10 p.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	102.0	100.0	100.0	100.0	100.0	100.
								_									
:	01	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

GLOBAL CLIMATOLOGY BRANCH UEAFETAC

12.

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC PER10D OF RECORD: 53-62 MONTH: AUG HOURS(LST): 1200-1400 STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM CE IL ING VISIBILITY IN STATUTE MILES GE 1 GE GE IM GE G€ GE GE FEET 3 2 1/2 2 1 1/2 1 1/4 10 1 3/4 5/8 1/4 ū 1/2 NO CEIL | 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 68.9 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74 .6 74.6 74.6 74.6 74.6 74.6 76.4 74.6 GE 16000 74.6 GE 16000 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74 .6 74.6 76.4 79.6 74.6 74.6 74.6 74.6 74.6 74.6 74.6 74 •6 76 •4 140001 76.4 76.4 76.4 76 . 4 76.4 76.4 76.4 76.4 76.4 76.4 79.6 120001 81.6 81.6 81.6 GE 100001 81.6 91.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6 9000| 81.8 8900| 82.1 7900| 85.2 81.8 81.8 82.1 85.2 81.8 81.8 81.8 82.1 81.8 81.8 82.1 81.8 81.8 81.8 82.1 81.8 82.1 81.8 82.1 85.2 H1.8 81.8 82.1 81.8 82.1 GE 82·1 65·2 85.2 85. 2 95. 3 85.2 85.2 95.3 60001 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 50001 98.2 45001 98.9 40001 99.0 35001 99.4 98.2 98.9 99.0 '99.4 98.2 98.9 99.0 99.4 98.2 98.9 98.2 98.9 99.0 99.4 98 • 2 .98 • 9 98.2 98.9 98.2 98.9 98.2 98.9 98.2 98.9 99.0 98.2 98.9 98.2 98.9 99.0 99.4 98.2 98.9 98.2 98.9 99.0 99.4 98.2 98.9 GF 98.2 98 · 9 99 · 0 99 · 4 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 GÉ GE 99.4 30001 99.7 99.9 99.9 99.9 25001 99.7 20001 99.9 18001 99.9 99.9 100.0 100.0 99.9 GE GE 99.9 99.9 99.9 100.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0

100.0 9001 99.9 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 700 | 99.9 630 | 99.9 100.0 100.0 100.0 100.0 170.0 102.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 500| 99.9 400| 99.9 300| 99.9 GE 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1:0.0 100.0 100.0 100.0 GE 100-3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.9 100.0 100.0 100.0 100.0 100.0 1 00.0 100.C 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1 00.0 100.0 cl 99.9 100.0 100.0 100.0 100.0 100.0 100.0

100.0

100.0

100.0

100.0

100.3

100.0

100.0

100.0

103.0

100.0

107.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

100.0

TOTAL NUMBER OF OSSERVATIONS:

100.0

100.0

100.0

100.0

100.0

100.0

GE

GF

GΕ

GE

15001 69.9

12001 99.9

10001 99.9

100.0

100.0

100.0

100.0

100.0

100.0

100-0

100.0

100.0

100.0

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100.0

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#### PEHCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

						ON NAME		_					HONTH		HOURS	(LST):		00
	LING	• • •	• • • • •	• • • • • •	• • • • • • •	••••••	• • • • • • •	•••••	1714	A11.11 Y	IN STAT	UTF PIL	ES	•••••	• • • • • • •	•••••	• • • • • • •	••••
1	N	ı	GE	6E	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	30	GĒ	GE	GE
FE			10			*	3	2 1/2	2	1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
			55.4	55.5	\$5.5	55.5	55.5	55+ 5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
G.e	2000	n i	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64 . 7
			64.9	65.1	65.1	65.1	65.1	65.1	65.1	65. 1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
			65.P	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
			66.7	66.9	66.9	66.9	66.9	66+ 9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
			69.5	69.7	69.7	69.7	69.7	69.7	69.7	69. 7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE	1000	31	72.9	73.2	13.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE	900	o i	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
6E	800	01	73.7	74.1	74.1	74 - 1	74.1	74.1	74 - 1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74 -1
GE	700	0 (	77.4	77.8	77.8	77.9	77,9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE	600	0	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94 • 7	94.7	94.7	94.7	94.7	94.7	94.7
GE			98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98 .8
GΕ			98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE			99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ			99.4	99.7	99.7	100.0	100.0	100.6	100-0	100.0	100.0	100.0	100.0	100.0	100.0	700.0	100.0	100.0
GΕ	300	01	99.4	99.7	99.7	100.6	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	250	01	99.4	99.7	99.7	100.0	100.0	1 20 · C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	σĺ	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.C	100.0	100.C	107.0	100.0	100.0	100.0	100.0	100.0
GΕ	180	0 (	99.4	99.7	99.7	196.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0
GΕ	150	01	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GΕ	120	0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	100.0	100.0
6E	100	01	99.4	99.7	99.7	100.0	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE	90	0 [	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	80	91	99.4	99.7	99.7	100.0	100.0	100,0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100-0	100.0	100.0
GΕ			97.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	130.0	100.0	130.0	160.0	100 -C
GĒ	60	0	99•4	99.7	99.7	100.0	100.0	1 00• 0	100.0	100.0	100.0	120.0	100.0	100.0	130.0	100.0	100.0	100.0
GE			99.4	99.7	99.7	100.0		100.0					100.0	100.0	100.0	100.0	100.0	100.0
GΕ			99.4	99.7	99.7	100.0	100.0	1 00. 0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ		-	99.4	99.7	99.7	100.0	100.0	1 30.0		100.0	100.0	100.0	107.0		100.0	100.0	100.0	100.0
GE			99.4	99.7	99.7	100.0	100.0	1 00. 0	100.0	100.0	160.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0
GE	10	01	99.4	99.7	99.7	100.3	109.0	1 50. 6	100.0	100.6	100.0	100.0	107.0	100.0	100.0	100.0	100-0	100.0
GE		J I	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STA	TION N	UMPER:	747340	STATI	ON NAME:	WH 11	E SANDS	MR NM				PERIOD		ORD: 53 HOURS		62 1800-20	DC
• • •		• • • • • •				••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •					
	LING In 1	GE.	39	GE				6 E	IBILITY	IN STATE	6E 41U	ES GE	GE	GE	GE	GE	GE
	ET I		95	5	6E 4	GE,	GE 2 1/2		<b>G</b> F 1 1/2		- L	3/4	5/8	1/2	5/16	1/4	o E
		_	_	-	•••••		-	-									
un.	CEIL I	62-7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
		02.5	02.4	46.7	02.17	02.4	02.		0211	02.44	02.44	0		02,4	02.4	92.44	0
GΕ	200001	68-1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
	180001		68.5	68.5	68.5	68.5	68.5	60.5	68.5	68.5	68.5	69.5	68.5	68.5	68.5	68.5	68 .5
	100001		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	67 . 7	68.7	69.7	68.7	68.7	68.7
	140001		70.4	70.4	70 - 4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70 . 4	70.4	70.4	70.4
E	156001	74.6	75.0	75.0	75.4	75.0	75. Q	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75 .2
36	100001	79.9	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	F0.4	80.4	80.4	83.4	.0.4	80.4	8C .4
ēΕ	90001	80.4	89.9	80.9	80.9	80.9	80.9	81.0	81.C	61.0	81.0	81.0	81.0	81.0	91.0	81.0	e 1 . B
Œ	80001	81.0	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	61.6	61.6	81.6	01.6
	70001		83.8	83.8	83.8	84.0	84. D	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	64 . i
Ε	60001	94.8	95.2	95.3	95.3	95.5	95 • 5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
iE.	50001	97.9	98.3	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	99.7	98.7	98.7	98.7	98.9	96.9
·Ε	45001	98.4	99.0	99.1	99.1	99.3	99.3	99.4	79.4	99.4	99,4	99.4	99.4	99.4	99.4	99.6	49.6
iΕ	90001	98.6	99-1	99.3	99.3	99.4	99.4	99.6	99.6	49.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
Æ	35001	98.6	99.1	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	77.6	99.7	99.7
žέ	3C 0 0	98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	**.*	99.9
Æ	25001	98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	**.*	**.*
úΕ	20001		99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	79.9	99.9
·Ε	16001	98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	**.7	99.9	79.7
·Ε	1500	98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
GE	1200		99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	**.7	**.*	** .*
ΞE	10004	98.4	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	****	**.*
iΕ		98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	77.7	***
ε		98.6	99.3	99.4	99.4	79.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.1	99.9	99.9
ε		98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	** .*
E		98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	97.7	** .*
Œ	5001	99.6	79.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.2	99.7	49.7	77.9	**.*
GE		98.6	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	77.7	** .*
iĒ		98.6		99.4	99.4	99.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	77.7	•••
35		98.6		99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	77.7	160.6	10.0
į		98.6	99.3	99.4	99.4	99.6	99.4	99.7	99.7	99.7	99.9	. **.*	99.9	99.9	****	100.0	100.0
GΕ	- 1	98.6	99.3	99.4			00.4	99.7	99.7	99.7	49.9		19.9	99.7		100.0	
16	5	70.0	44.2	77.4	99 • 4	99.6	99.6	77.7	77.7	77.7	44.4	44.4	77.9	77.7	77.7	100.0	100.0

AL CLIMATOLULY ENAMORICATION AND ADMINISTRATION OF A THE RESTRAINED AND A STREET AN

#### PENCENTAGE FREGERIC OF OCCUMENCE OF CFILING VERSUS VISIBILITY FROM FOUNTLY OBSERVATIONS

PERIOD OF RECURU: 53-55,57-62 MONTH: AUG FOURSILST1: 21,0-2306 3 64 11.1 18 60 11.1 15 60 11.1 15 60 11.1 15 60 11.1 75.8 73.8 13.9 76.3 1100 /2.6 73.8 71.9 /6.5 91.0 73.6 73.6 73.9 76.3 #1.0 73.6 73.6 73.9 76.3 73.6 73.6 73.6 73.8 73.8 73.9 76.3 /5.0 /5.0 /1. /1. /1. /3.6 /3.0 /3.9 /6.5 73.8 73.9 76.3 91.0 73.8 73.8 73.9 76.3 61.0 73.8 73.6 73.9 76.3 81.0 73.8 73.8 73.9 76.3 41.6 ... 06 | 15.6 9 E 14 \* cal 5 0 4 mt 6 7 an | 2.6 (Cuch 90 47 #5.7 #6.7 #6.1 85.7 86.2 46.7 88.1 96.2 45.7 46.2 46.7 #5.7 #6.2 #6.7 85.7 86.2 86.7 88.1 ... 45.1 85.7 H5.7 45.7 86.2 46.7 44.1 65.7 66.2 66.7 88.1 64.7 64.2 46.7 88.1 45.7 85.7 0.2 0.7 1.1 01 . 2 de . 1 rb . 1 86.2 86.7 88.1 96.2 86.2 86.7 88.1 86 .1 86.2 96.7 86.2 86.7 96.2 86.1 94.2 96.2 96.2 96.2 96.2 96.2 96.2 1001 706 45 1 450 6607 930 7601 990 7601 990 98.9 98.9 98.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.3 100.0 100.0 98.1 98.1 98.9 99.9 98.9 98.9 99.9 99.9 100.0 100.0 98.9 99.9 100.3 99.9 99.9 0.001 1: 0.0 170.0 103.0 100.3 100.0 108.0 100.0 107.0 170.0 107.0 100.0 107.0 170.0 107.0 1 00 0 1 00 0 1 00 0 1 00 0 1 00 0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 0.001 J.001 0.001 0.001 0.001 0.001 0.001 0.001 160.J 160.J 160.J 160.J 100.0 100.0 100.0 100.0 99.9 99.9 99.9 99.9 100.0 100.0 100.0 196.0 196.0 196.0 100.0 100.0 100.0 100.0 100.0 44.4 1.4.6 100.C 100.C 100.C 107.0 107.0 167.0 190.0 100.6 100.0 100.0 106.3 100.C 100.0 1 10 a u 1 10 a u 1 10 a u 1 10 a a G 100.0 160.0 100.0 100.0 100.0 100.0 100.0 1.6.0 100.0 130.0 100.0 100.0 100.0 166.6 .... 100-6 99.0 1.000 99.0 1.000 99.0 1.000 99.0 1000 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.3 176.6 167.3 176.8 163.6 176.6 160.0 136.0 100.5 10.0 10.0 100 .c 105 .c 105 .c 100.0 103.0 1.0.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

. SUMPLE CF OF SERVATION\_ 1 705

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING WERSUS VISIBILITY FROM MOUPLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECOPD: 53-62 PONTH: AUG HOURS (LST1: ALL VISITILITY IN STATUTE MILES CE IL ING GΕ GE GE GE 2 1 1/2 1 1/4 GE IN | FEET | GΕ 4 3 2 1/2 5/16 10 3/4 5/8 1/2 1/4 α 70.9 NO CEIL | 73.8 70.9 70.9 77.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9 74.9 GE 200001 75.0 GE 180001 75.1 75.2 75.2 75.2 75.2 75.3 75.2 75.3 75.2 75.2 75.2 75.2 75.2 75.3 75.2 75.2 75 .2 75.2 75.2 75.3 75.5 77.4 75.3 75.5 77.4 75.3 75.5 77.4 75.3 75.5 75.2 75.3 75.3 75.3 75.5 77.4 160001 75.3 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 77.4 75.5 75.5 75.5 77.4 77.4 77.4 GE 120001 82.3 82.4 82.4 42.4 62.4 82.4 82.4 82.4 A2.4 82.4 82.4 82.4 19500 | 86.1 9500 | 86.6 8500 | 87.1 7500 | 88.6 P6.5 86.8 87.3 86.2 86.7 87.2 GΕ 86.3 66.3 66.3 86.3 86.3 66.3 86.3 86.3 86.J 86.3 86.8 86.8 46.8 86.8 GE 86.7 66 · 7 67 · 3 86.7 86.7 86.8 86.8 86.8 86.8 86.6 GΕ 87.3 87.3 87.3 87.3 47.3 87.3 87.3 89.0 96.4 89.0 89.0 89.0 89. ( 89.0 89.0 89.0 96.5 89.0 96.5 89.0 89.0 .9.C 69.0 89.0 60001 96.2 96.5 96.5 96.5 96.5 GE 50001 98.0 98.5 98.5 98.5 98.5 98.3 98.4 98.5 98.5 98.5 98.5 99.5 98.5 98.5 98.5 98.5 99.0 99. G 99. 4 99. 5 99. 7 99.0 99.5 99.5 99.7 99.0 45001 98.5 45001 98.8 98.9 98.9 99.4 99.0 99.4 99.C 99.0 99.0 99.1 99.1 G€ 99.6 99.4 99.4 GE GE 99.4 35001 98.9 3001 99.0 99.5 99.5 99.6 99.6 99.7 99.5 99.6 99.6 99.7 25001 99.1 99.6 99.7 99.7 99.7 99.8 99.8 99.8 99.7 99.8 99.8 GE 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 20001 99.2 18001 99.2 15001 99.2 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE GE 99.8 99.8 99.8 99.8 99.7 99.9 99.9 79.7 99.8 99.9 99.9 GE 12001 99.3 99.9 99.9 100.3 GE 1001 99.3 99.9 99.9 100.0 100.0 100.0 100.0 100.0 99.9 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 10c.0 9001 99.3 99.8 107.0 100.0 100.0 100.0 100.0 800 99.3 703 99.3 100.0 100.0 100.0 100.0 100.0 GE 99.8 99.9 99.9 99.9 99.9 99.9 1-0.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 107.0 100.0 100.0 100.0 106.0 99.9 99.9 99.9 6E 5001 99.3 99.9 99.9 99.9 100.0 100.0 100.6 99.8 99.9 99.9 100.0 100.0 130.0 99.8 100.0 100.0 120.0 GE 4001 99.3 3001 99.3 99.8 99.9 99.9 100.6 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.3 GF 100.3 100.0 GE 100.0 99.8 99.8 100.0 103.0 107.0 100.0 100.0 100.0 100.0 100.0 GΕ 01 99.3 99.8 99.8 99.9 99.9 99.9 99.9 190.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0

PEALLER ZEHATCENAC PETAC PET CETABLOFORA EMANCH

## PLKCINTAGE FREQUENCY OF GCCUNRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

110N BENJEF:	141346	STALL	ON NAME:	WHIT	L SANDS	HR NH					OF REC		-62 (LST):	CL.Q=02	o.c
L 11.6	• •					V151	81L11Y	IN STAT	UTE MIL	ES					
.   GL	Cŧ	UE	LE	GE		G£	GE	GŁ	GE	GE	GĘ	GE	GE	GŁ	ĿĘ
(1)   (1) (A)	ŧ	4,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	L
		• • • • • •	• • • • • • •	• • • • • •		• • • • • • •	•••••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • •	• • • • • • •
CETE 1 ALSO	41.3	61.3	t1.3	81.3	e1.3	81.3	81.3	# l . j	81.3	81.3	81.3	81.3	81.3	b1.3	81.3
00101 1 0															
.00001 al.m	1.1	81.5 81.5	61.3	81.3	81.3 81.3	61.3 61.3	81.3	61.3 61.3	81.3 91.3	81.3 81.3	81.3	81.3 81.3	81.3 81.3	81.3 61.3	81.3 81.3
iongal blan	1.3	61.1	H1.3	61.3	81.3	61.3	01.3	81.3	81.3	61.3	61.3	81.3	81.3	61.3	81.3
145001 83.7	2.5	62.5	92.5	A2.5	82.5	62.5	62.5	82.5	82.5	82.5	82.5	82.5	82.5	62.5	82.5
121301 67.4	7.6	87.0	97.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
** 031 (144		• • • • •	47.00		0110	0, 40	6		0,140					0.10	0
success sheet	54. E	97.0	40.0	93.6	96.6	90.6	93.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
96451 41.1	-1.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	41.5	91.5
d'ufly's	3.	3.	,3	93.0	93.0	93.0	93.0	93.0	93.C	93.0	93.0	93.0	93.0	93.0	93.0
70031 43.6	14.	94	94.0	94.0	94.0	94.0	94.6	94.D	94.0	94.0	94.8	94.0	94.0	94.D	94.0
6.601 95.P	.6.3	10.5	96.5	96.3	96.3	96.3	96.3	¥6.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
							-								
5060, 57.1	.7.5	97.4	97.9	97.9	97. 9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	47.9	97.9
45001 97.1	.7.7	97.5	47.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
46.68 57.3	18.3	90.3	96.3	98.4	98.4	58.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.4
35i∤ 98.1	.9.1	99.1	95.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	49.2	99.2
35661 56.1	1 . 1	99.1	59.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
4500 68.4	ق مو د	99.3	47.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	94.5	79.5	44.5
2 601 54.4	14.3	99.3	99 + 3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
15501 93.7	19.4	99.2	66.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
15401 98.6	9.7	99.7	99.7	99.9	95.9	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17001 59.5	4.4.4	44.4	59.9	160.0	100-6	103.0	100.0	130.0	100.0	100.0	100.0	100.0	100,-0	100.0	100.0
11404 91.9	.4.5	49.7	59.9	100.0	1:0.6	100.0	100. G	120.0	100.0	109.0	100.0	100.3	103.0	100.0	1.4.0
5.51 55.5		99.7			150.6	100.3	100.6	100.0	100.0	100.0	100.0	103.5	100.0	160.0	100.0
£601 52.6	.9.4	19.5			106.6	100.0	100.0		100.0	100.0	160.0	100.0	100.0	160.0	100.0
7631 54.4		99		160.0	100.6	130.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0
16.01 77.9		99.9			1 CC. G	140.0	100.C	140.0	100.0	130.3	100.0	103.3	100.0	1.0.0	100.0
						- 66 - 17		1000.					• 1.0•0		
4.50 10.9		79.7	59.9	100.0	1 06 . C	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	166.0	100.0
45 1 44.4		94.9		3.031	1 00.0	100.6	100.6	100.0	100.0	160.0	100.0	100.0	103.0	140.0	100.6
3431 93.9		99.9	99.9	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1811 54.6	. 4 . 4	99.9	55.9	100.0	1 00- 0	100.0	130.0	100.0	100.0	100.0	100.5	100.0	100.0	180.0	100.6
11.1 75.9	4	990,	97.9	100.0	1 .0. 6	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	166.0	100.0
1 50.9	49.5	99.4	15.9	100.0	106.6	160.0	100.6	160.5	100.0	100.0	100.0	100.0	100.0	160.0	106.0
	• • • • • • • •			• • • • • •		• • • • • • • •				• • • • • • •					• • • • • • •

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

A I LUN	W(	THEFY:	191390	3 I M I Z	nu meMf:	WHII	E SANDS	nk NF				MONTH	: SEP	HOURS	(£\$T):	0300-05	
IL ING		• • • • • •	•••••	•••••	• • • • • • •			A 121	BILITY	IN STAT	TIM 31V	ES	•••••	•••••		•••••	
IN	J				GE		GΕ		GE	GE	GE		GE		GE	GE	GE
EET		10		5	<b></b>		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
		-															
CEIL	•	81.6	62.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	87.1	82.1	82.1	65.1	82.1	82.1
2000			82.0	82.3	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
1800			82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82 • 1	P2.1	82.1	82.1
1600			92.0	g 2 +0	82.0	82.0	82.0	82.C	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82 -1
1400			92.1	82.1	82.1	82.1	g2• 1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
1200	01	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1000			90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
		90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
800	0 [	91.5	92.2	92.2	92.2	92.2	92 • 2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
		92.2	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.8	93.0	97.0	93.0
600	C I	94.8	95.5	95.6	95.6	95.6	95 • 6	95.6	95.8	95.8	95.8	95.0	95.8	95.8	95.8	95.8	95.8
500	0 1	96.0	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.5
450	0 [	96.0	96.7	96.8	96 + 8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96 .9
*C0	01	97.3	98.C	98.1	98 - 1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		98.1	98.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	90.1	99.1
300	C I	98.3	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
250	01	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 -6
200	10	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
160	01	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
150	0 1	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
120	0 (	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100 • 0	100.0	100.0	100.0
196	01	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	130.0	107.0	100.0	100.0	100.0	100.0	100.0
90	10	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	196.0	100.0	100.0	100.0	100.0	100.0	100.0
PO	0 1	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.G	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
70	01	98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	ion.o	100.0	100.0	100.0	100.0	100.0
6.0	10	98.9	99.7	99.9	99.9	99.9	99.9	99.9	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.6	100.0	100.0	107-0	100.0	100.0	170.0	100.0	100.0
	a i	93.9	99.7	99.9	99.9	97.9	99.9	99.9	100.0	100.0				100.0	100.0	130.0	100.0
30	01	98.9	99.7	99.9	79.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100 -0
		98.9	99.7	99.9	99.9	99.9	99.9	99.9	100.0			107.0	100.0	100.0	100.0	100.0	100.0
10	01	98.9	99.7	99.9	99 • 9	99.9	99.9	99.9	100.0	100.3	100.0	100.0	100.0	100.0	170.0	100.0	100-0
•	11	98.9	99.7	99.9	99.9	99.9	99.9	99.4	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100-0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: SEP HOURSILS HOURSILST1: 0600-0800 CEILING . . . . . . . . . . . . VISIBILITY IN STATUTE MILES GE GE GE 2 1 1/2 1 1/4 GE GE GE GE 1/2 3 2 1/2 - 1 10 3/4 5/8 5/16 NO CEIL | 78.9 79.7 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79 . B 87.2 SE 200001 79.3 80.1 80.2 80.2 80.2 80.2 80.2 80,2 80.2 80.2 80.2 80.2 83.2 80.2 8 C . 2 80.2 80.3 81.0 87.2 87.3 81.0 80.2 80.2 90.3 80.2 GE 180001 79.3 GE 160001 79.4 80.1 80.2 80.2 8 (1 · 2 8 (1 · 3 8C.2 8C.3 80.2 80.2 80.3 80.2 80.2 80.3 80.2 80.3 81.0 80.3 80.3 80.3 81.0 90.2 80.3 80.9 81.0 14000 80.1 81.0 81.0 81.0 81.0 81.0 81.0 81.0 GE 120001 85.7 91.1 93.1 93.5 100001 90.2 91.0 92.8 93.2 93.4 93.1 93.5 93.6 90001 91.9 80001 92.2 92.7 93.0 92.8 93.1 93.1 93.5 93.1 93.5 93.1 93.5 93.1 93.5 93.1 93.5 93.1 93.1 93.5 93.1 93.5 93.1 93.5 GE 70001 92.2 93.0 93.1 93.6 93·6 95·2 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 6C00 | 93.8 GΕ 95.2 50001 94.8 45001 95.5 40001 96.1 GE 95.6 95.8 96.3 96.3 96.9 97.6 96.0 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.9 97.6 98.7 96.9 97.6 98.7 96.9 97.6 98.7 GE 96.3 96.4 96 · 7 97 · 3 96.9 96.9 97.6 96.9 96.9 96.9 96.9 96.9 96.9 97.6 98.7 350C1 97.2 98.0 98.7 9R.7 98.7 98.7 98.7 96 .7 30001 97.7 98.8 98.9 99.5 99.5 99.5 99.5 99.5 99.5 99.5 2500] 98.0 2000] 98.0 1800] 98.1 1500] 98.3 6E 99.1 99.1 99.5 99.5 99.6 99.7 99.7 99.7 99.9 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 100.0 99.7 99.7 99.7 99.7 99.2 99.3 99.9 100.0 99.9 99.9 GΕ 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 108.0 100.0 GE 100.0 12001 98.3 99.3 99.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 1 20 • 0 100-0 100.0 107.0 107.0 107.0 1000| 98.3 900| 98.3 800| 98.3 99.7 99.7 99.7 99.3 99.3 100.0 1 CO. C 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 100.0 100.0 GE 100.0 100.6 100.0 100.0 100.0 100.0 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001 98.3 6001 98.3 99.3 99.5 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.3 100.0 190.0 100.0 100.0 100.0 100.0 99.5 99.5 99.5 5001 98.3 99.3 100.0 100.C 100.0 100.0 100.0 100.0 100.0 103.0 100.3 100.0 100.0 100.0 400 | 95.3 300 | 98.3 99.3 99.7 100.0 100.0 100.0 100.C 100.0 100.9 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 GE GE 100.0 100.0 200 | 95.3 99.3 99.5 100.0 100.0

100.0

100.0

100.0

107.0 100.0

100.0

100.0

100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

DI 98.3

GE

99.3

99.3

99.5

99.5

•

99.7

100.0

100.0

1 00.0

100.0

100.6

99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

100.0

100.0

# PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM + OWRLY OBSERVATIONS

57	ATION	NUMBER:	747346	STATIO	N NAME:	WHIT	E SANDS	MR NH					OF REC			0000-11		
													I: SEP			0900-11		
CE	IL ING		•••••	•••••						IN STAT			•••••	•••••	•••••	• • • • • • •	•••••	•••
_	IN	1 6£	GE	GE	G€	GΕ	GE	GE	GE	GE	GE .	39	GE	GΕ	GE	GΕ	GE	
F	ĒET	1 10	6	5	- 4	3	2 1/2	2	1 1/2		1	3/4	5/8	1/2	5/16	1/4	Δ.	
• •										• • • • • • •				• • • • • •				
	••••														,			•
NO	CEIL	1 81.2	81.7	61.7	81.8	81.8	81.8	81.6	. 81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
GE	20000	1 82.4	82.9	82.9	83.0	83.0	83.0	83.0	83.C	83.0	g3.0	83.0	83.0	83.0	63.0	63.0	63.0	
úE	18000	1 82.6	83.2	83.2	83.3	83.3	63.3	83.3	83.3	83.3	63.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE	16000	3.6	93.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
GE	14000	63.7	84.5	84.5	84 . 6	84.6	84.6	84.6	84.6	64.6	84.6	84.6	84.6	84.6	84.6	84.6	84 .6	
GE	15000	87.8	38.6	88.6	88.7	88.7	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE	10000	1 90.7	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
υ£		1 91.8	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
ÚΕ		91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.6	
GE		92.0	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
6E	6C D [	2.59	94.8	94.0	94 . 6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94 .6	
GE		94.6	95.2	95.2	95 - 8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
6E		94.6	95.6	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.q	96 •4	
GE		95.5	96.6	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
6E		95.6	96.9	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
ĢΕ	3600	1 96.4	97.7	97.7	98.3	58.4	96.4	98.4	98.4	98.4	98 • 4	98.4	98.4	98.4	98.4	98.4	98.4	
GE	2500	1 96.9	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE		97.2	98.5	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE		97.2	98.5	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
<b>€</b>		97.3	78.7	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
CE	1200	97.6	98.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE	1000	97.6	98.9	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE		97.7	99.1	99.2	99.7	99.9	99. 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE	P 00	97.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
υE	700	1 97.9	99.2	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	
G€	£ 60	97.9	99.2	99.3	99.9	100.0	1 00-0	100.0	100-0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	
GE		97.9	99.2	99,3		100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6F		97.9	99.2	99.3		100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 -0	
6E		97.9	99.2	99.3		100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100-0	
GE		97.9	99.2	99.3		100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	100	97,9	99.2	99.3	99.9	100.0	1 00. 0	100.0	103-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		1 97.9	99.2	99.3									100.0				100.6	

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

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STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 HOURS(LST): 1200-1400 MONTH: SEP CE IL ING VISIBILITY IN STATUTE MILES GE GE GE 6<sub>E</sub> 5/8 GE GE 3 2 1/2 IN | GE FEET | 1G GE UL 1 1/2 1 1/4 GE 1/2 4 2 5 1 3/4 5/16 1/4 G NO CEIL | 78.9 79.9 72.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 91.9 82.2 82.3 GE 2000GL 67.9 81.9 81.9 81.9 81.9 31.9 81.9 61.9 82.2 82.3 83.3 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.3 LE 180001 61-1 82.2 82.2 62.3 93.3 82.3 82·3 83·3 LE :6000| 81.3 82.3 82.5 82.3 82.3 82.3 a3.3 83.3 83.3 83.3 140001 62.2 83.3 83.3 83.3 83.3 GE 120001 85.1 86.2 87.8 89.0 89.4 6E 100001 66.7 97.6 87.8 87.8 87.8 97.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 87.8 GE GE 90001 67.9 89.0 89.4 89.C 89.0 89.4 89.0 89.0 89.0 89.4 89.0 89.4 89.0 89.4 89.G 89.C 89.0 89.0 89.0 39.2 89.4 90.6 89.4 90.0 90.0 ĿΕ 71001 88.8 89.9 95.0 90.0 90.0 90.0 90.0 92.0 90.0 93.0 90-0 90.0 95.2 95.2 95.2 95.2 5000| 94.8 4500| 95.8 4000| 96.1 96.1 97.1 97.6 96.1 97.1 97.6 96 • 1 97 • 1 97 • 6 96.1 96.9 97.3 97.6 97.1 97.5 97.7 GΕ 96.8 96.8 97.1 97.1 97.6 97.1 97.6 97.1 97.1 97.6 97.1 97.6 97.1 97.6 97.1 97.6 97.6 ĿΕ 97.5 35.01 96.4 97.7 97.9 97.9 97.9 97.9 97.9 97.9 97.9 U.F 98.5 99.1 99.1 99.2 99.2 99.2 99.2 99.2 25001 98.1 21001 98.1 16001 98.1 15001 98.1 ωE 99.2 99.2 99.9 99.9 99.9 100.0 100.0 100.0 99.3 99.5 100.0 100-0 100.0 100.0 120.0 100-0 100.0 99.5 99.5 99.5 99.3 100.0 100.0 100.0 99.9 99.9 99.9 100.0 100.0 υE 99.2 99.3 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 υ£ GE 100.0 100 · n 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.2 99.5 99.5 100.0 G٤ 10001 98.1 99.3 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 9001 98.1 8001 98.1 99.3 99.9 99.9 100.0 100.0 GE 100.0 100.C 100.0 100.D 100.0 100.0 99.2 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001 98.1 99.3 100.0 160.0 99.2 99.5 99.9 99.9 100.0 100.0 100.0 100.0 100.G 100.0 100.0 99.2 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 500| 98.1 460| 98.1 300| 99.1 100.0 100.0 99.2 99.5 100.0 100.0 140.0 100.0 100.0 99.9 99.9 99.9 100.0 100.0 99.2 99.3 99.5 99.9 100.0 100.0 100.0 GE 100.0 100.C 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 200| 58.1 100.0 99.5 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GÊ 99.3 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 GĒ 01 99.1 99.3 100.0 100.0 100.0 99.2 99.9 99.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: SEP HOURS(LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES IN | GE FEET | 10 GE GΕ 3 2 1/2 2 1 1/2 1 1/4 6 5 1 3/4 5/8 172 5/16 1/4 ٥ NO CETE | 76.5 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 76.7 6E 200001 78-1 78 • 4 78 • 6 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.4 78.6 78.6 78.6 78.6 GE 180001 78.4 78.6 78.6 78 . 6 76.6 78.6 78.6 78.6 78.6 78.8 78 - 6 78 .6 GE 140001 78.5 78.8 78.8 79.6 78.8 79.6 78.8 78.8 78.8 78.8 78.8 76.8 78.8 78.8 78.8 78.8 78 -8 79.6 83.3 79.6 83.3 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79 .6 GE 120001 63-1 86.0 86.3 86.7 86.3 86.3 GE 100001 85.8 86.0 86.8 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 90001 86.0 80001 86.4 86.3 86.3 86.3 86.7 86.3 86.7 86.3 86.3 86.7 86.3 86.3 86.3 86.3 ьF 86.3 86.3 86.3 86.7 86.7 86 .7 86 • 7 88 • 6 88.6 LE GE 70001 88.3 88.6 95.7 96.0 86.6 96.0 88 • 6 96 • 0 88.6 88.6 88.6 88.6 88.6 88.6 88.6 88 .6 96.0 96.0 60C01 95.3 96.0 96.0 96.0 96 . J 96 . 0 96.D 96.0 5000| 96.4 4500| 96.9 4000| 97.6 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 üΕ 96.8 97.0 97.0 97.0 96.8 97.3 98.0 98.3 97.3 97.6 97.6 97.6 97.6 97.6 97.6 97.6 98.3 97.6 97.6 98.3 97.6 98.3 97.6 98.3 98.5 98.3 98.3 98.5 98.3 98.3 GE 98.0 98 . 3 98.3 98.3 35001 97.8 36001 98.0 98.5 98.5 98.5 GE 98.4 98.4 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 25001 98.4 98.8 98.9 99.1 99.2 99.1 99.5 99.1 99.5 99.6 99 ·1 99 .5 ĿΕ 98.8 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.5 99.5 99.6 99.9 99.5 99.5 99.2 99.3 99.5 99.2 99.3 99.5 99.5 99.5 99.5 GE 98.9 99.2 GE 18GC| 98.7 15GG| 98.8 99.1 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.9 99.9 99.9 99.7 GE 10001 98.8 99.2 99.2 99.5 99.5 99.6 99.5 99.5 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.7 99.9 99.9 99.7 99.9 99.9 GE 9001 98.8 99.2 99.2 99.5 99.5 99.7 99.9 100.0 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 GE 100.0 100.0 7001 98.9 99.6 99.9 100.0 100.0 100.0 100.0 100.0 99.6 99.9 100.0 100.0 6001 68.9 99.3 99.3 99.6 99.6 100.0 100.0 100.0 500| 98.9 400| 98.9 300| 98.9 200| 98.9 100| 98.9 99.6 99.6 99.6 100.0 99.9 100.0 100.0 GE GE 99.3 99.3 99.3 99.6 99.6 99.6 99.9 99.9 100.0 100.0 100.0 100.0 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 99.3 99.3 99.3 99.6 99.6 99.9 99.9 99.9 100.0 100.0 100.0 99.3 100.0 100.0 100.0 99.3 100.0 100.0 100.0 100.0 GE 99.3 99.3 99.6 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 99.3 99.6 GΕ 21 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

E: WHITE S	MBER: 74734C STATION N	SANDS HR NM				PERIOD	OF REC			62 1800-20	00
• • • • • • • • • •	, , , ,					• • • • • •					
		V 15.	1817114				_	_			
GE			GE	GE	GE	GE	6 <sub>E</sub>		GE	GE.	6 €
3 2	10 6 5		1 1/2		1	3/4	5/8	1/2	5/16	1/4	
	77.1 77.4 77.4 77			77.4							7.
77.4	,,,, ,,,, ,,,,	77.4 77.4	77.4	11.4	77.4	77.4	77.4	77.4	77.4	77.4	77 •4
78.3 7	78.5 78.3 78.3 78	76.3 78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
78.3 7	78.0 74.3 78.3 78	78.3 78.3	78. Š	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3
78.3 7	78.0 78.3 78.3 78	76.3 78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
79.4 7	79.1 79.4 79.4 79	79.4 79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	63.1 A3.4 83.4 83	83.4 83.4	g 3 . 4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	03.4
85.7 8	85.4 85.7 85.7 85	85.7 85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	66.C 86.3 86.3 86	86.3 86.3		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	67.8 88.3 88.3 88	86.3 88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	66 .3
	89.6 90.1 90.1 90	96.1 90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	95.4 96.C 96.ú 96	96.1 96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96 .1
97.1 9	96.4 97.0 97.0 97	97.1 97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	96.7 97.3 97.3 97	97.4 97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	97.9 98.4 98.4 98	98.6 98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	94.6	70 -6
	98.C 78.6 98.6 98	98.7 98.7		98.7	98.7	98.7	98.7	98.7	98.7	98.7	94 .7
	98.1 98.7 98.7 98	98.9 98.9		98.9	98.9	98.9	98.9	98.9	78.9	98.9	94.9
99.0 9	98.3 98.9 98.9 96	99.6 99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	98.3 98.9 98.9 98	99.1 99.1		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	98.7 99.3 99.3 99	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	98.7 99.3 99.3 99	99.6 99.6	99.6	99.6	90.6	99.6	99.6	99.6	99.6	99.6	79.6
	98.7 99.3 99.3 99	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 .6
99.6 9	99.7 99.3 99.3 99	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.7 99.3 99.3 99	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	98.7 99.3 99.3 99	99.6 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.1 99.7 99.7 99	100.0 100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1 99.7 99.7 99	100.0 100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
100.0 10	69.1 99.7 99.7 <b>9</b> 9	100.0 100.0	100.0	100.0	100-0	100-0	100-0	100.0	100.0	100.0	100.0
	59.1 59.7 99.7 99	100.0 100.0					100.0	100.0	100.0	100.0	100.0
	99.1 99.7 99.7 99	100.0 100.0				100.0		100.0		100.0	100.0
	99.1 99.7 99.7 99				100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.1 99.7 99.7 99			100.0			100.0	100.0	100.0	100.0	100.0
100.0 10	99.1 99.7 99.7 99	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10		00.0		00.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

# PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

			74734C									HONTH	OF REC	HOURS	(LST):	2100-23	00	
	LING	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	•••••	VIST	BILITY	IN STAT	UTF Mil	FS	*****	• • • • • • •	•••••	•••••	••••••	•
FE	e l	GE 10	GE 6	GE S	GE 4	6E 3	GE 2 1/2	G€	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	6 <sub>E</sub> 5/a	GE 1/2	GE 5/16	GE 1/4	6 E 0	• •
	CEIL I		62.5	82.C	82.0	82.0	82 • G	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE	200001	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
CE	180001	62.4	82.6	82.6	82.6	82.6	82.4	82.6	82.6	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
ĿE	160001	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.5	82.6	B2 .6	
GE	140001	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
ĿΕ	150001	86.0	86.1	86.1	86.1	86.1	86.1	86.1	e6. 1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86 -1	
GE	100001	88.4	68.6	88.6	88.6	88.6	88.6	48.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88 .6	
GE	90001		89.1	89.1	89.1	69.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
ĞΕ	81001		91.0	91.G	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE	70001		92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE	60001		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96 . 4	96.4	96.4	96.4	96.4	96.4	96.4	
üΕ	SCOOL	67.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE		97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
6E	40001		98.6	98.6	98.6	98.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	96.7	
GE	35 60 1		98.7	98.7	98.7	98.9	98.9	98.9	98. 0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE		98.9	99.0	99.3	99.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
UL	30.001	,,,,	,,,,	,,,,	,,,,	****	****	****	****	,,,,	****	****	77	****	,,,,	,,,,	,,,,,	
SE	25 00 1	98.9	99.0	99.0	99.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GΕ		99.3	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE	18001	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
G€	1500	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE	12001	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
üΕ	10001	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GΕ		99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
űΕ		99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		99.7	99.9	99.9	99.4	100.0	1 50.0	100.0	105.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE		99.7	99.9	99.9	99.9	100.0	1 60. 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
_											•							
υE		99.7	99.9	99.9	99.5	100.0	1 00.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GΕ		99.7	99.9	99.9	99.9	100.0	1 00-0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	
ιE		99.7	99,9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
LE		99.7	99.9	99.9	99.9	100-0	1 00 · D	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
úΕ	100	99.7	99.9	99.9	99.9	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100 -D	
GΕ	51	59.7	99.9	99.9	99.9	160.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

IGTAL NUMBER OF OBSERVATIONS:

700

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CEILING    M	STA	110	N N	UMBER:	74734C	STATION	NAME:	WH [T	E SANDS	MR NM				PERIOD Month	OF REC		-62 (LST):	ALL	
				• • • • • •	•••••	•••••	• • • • • •	• • • • • •	•• ••• •						•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •
## ACCESS   10   6   5   4   3   2   1/2   2   1   1/4   1   3/4   5/8   1/2   5/16   1/4   0    **ACCESS   79.6   80.1   80.1   80.1   80.1   80.1   80.1   80.2															_				
NO CEIL   79.6   80.1   80.1   80.1   80.1   80.1   80.1   80.1   80.1   80.2			-																
NO CEIL   79.6   80.1   80.1   80.1   80.1   80.1   EC.1   80.1   80.2			•										_	_	-	_	3710		
CF 20000   80.5   80.9   80.9   81.0	•••	••••	•••	• • • • • •			••••	••••							••••	••••••	• • • • • • •	•••••	
LE 18COL 8016 81.6 81.0 81.0 81.1 81.1 81.1 81.1 81.1 81.1	<b>N</b> 0	CEI	L	79.6	80.1	80.1	8G • 1	e 0 • 1	€C. 1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
LE 18001 80.6 81.0 81.0 81.0 81.0 81.0 81.1 81.1 81.1	GE	200	001	63.5	80.9	80.9	61.0	81.0	61. D	81.0	81.0	81.0	81.0	81.0	81.0	61.0	81.0	81.0	81.0
LE LECOL   61.7   81.7   81.2	ĿΕ	180	oci.	80.6	81.0					81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1870C1 61.4 31.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9 8	ĿΕ	160	aoi	20.7	81.1	81.2	81.2	81.2	81.2	81.2	61.2	81.2	81.2		81.2	81.2	61.2	61.2	81.2
GE 12700  65,6	6E	140	OC I	61.4	31.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9		81.9	81.9
GE SCOOL 83.3 89.9 89.9 89.9 89.9 89.9 89.9 89.9	GE	150	001	85,6	86.1				86.2	86 • 2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE SCOOL 83.3 89.9 89.9 89.9 89.9 89.9 89.9 89.9	ĢΕ	100	001	68.4	89.C	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.0	69.0	89.0	89.0	89.0	89.0	89.0
GE 7001 91.1 91.7 91.7 91.4 91.8 91.8 91.8 91.9 91.9 91.9 91.9 91.9	GE	90	os i	89.3	89.9	89.9	89.9	89.9	89.9	89.9	98.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE SCOOL 95.9 96.6 96.6 96.8 96.8 96.8 96.8 96.9 96.9	GE	80	00	93.2	90.8	90 .a	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE SCOOL 95.9 96.6 96.8 96.8 96.8 96.8 96.8 96.9 96.9	GE	70	100	91.1	91.7	91.7	91.d	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE       45001 96.3 97.0 97.0 97.0 97.2 97.2 97.2 97.2 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3	úΕ	65	301	94.8	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400  97.0 97.8 97.8 98.3 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1	G€	50	001	95.9	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
UE 3500  97.5 98.2 98.3 96.4 98.5 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6					97.0	97.0	97.2		97.2								97.3		
GE 3000  97.9 98.6 98.7 98.8 99.0 99.0 99.0 99.0 99.0 99.0 99.0		40	301	97.0	97.8	97.8	98.J	98.1		98.1	98.1		98.1				98 . I	98.1	98 .1
GE 25GG 98.2 99.0 99.1 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4	ĿE				98.2	98.3	96.4	98.5	98.5					99.6					
GE 2000 98.3 99.1 99.1 99.3 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8	űΕ	30	001	97,9	98.6	98.7	98.8	99.0	99.0	99.0	99,0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2001 98.4 99.1 99.1 99.3 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7	GΕ	25	GO I	98.2	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 18301 98.4 99.2 99.3 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7																			99.5
GE 1001 98.5 99.3 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.9	GΕ	18	oo i	98.4	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.7
GE 1001 98.6 99.4 99.5 99.6 99.8 99.8 99.8 99.8 99.9 99.9 99.9	ĢΕ	15	001	98.5	99.3	99.4	99.5	99.7		99.7	99.8	99.A	99.8	99.8	99.8	99.8	99.8	99.8	99.8
## 9501 98.6 99.4 99.5 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9	ijΕ	12	00 j	98.6	99.4	99.5	99.6	99.8		99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800  98.7 99.5 99.6 99.7 99.9 99.9 100.0 100.	GΕ	10	001	98.6	99.4	69.5	99.6	99.8	99.8	99.8	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 7001 98.7 99.5 99.6 99.7 99.9 99.9 100.0 100.	űΕ	9	501	98.6	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6E 600 98.7 99.5 99.6 99.7 99.9 99.9 100.0	ΘE	8	a o I	98.7	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6E 5301 98.7 99.5 99.6 99.7 99.9 99.9 100.0 100.0 100.0 100.0 107.0 100.	GE	7	001	98.7	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
LE       400  98.7       29.5       99.6       99.7       99.9       100.0       10	űΕ	6	001	98.7	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0
GE 300 98.7 99.5 99.6 99.7 99.9 99.9 100.0		5	301	98.7	99.5	99.6	99.7		99.9	100.0	100.0	100.0	100-0	107.0		100.0	100.0	100.0	166.0
GE 203  98.7 99.5 99.6 99.7 99.9 99.9 100.0 100.					79.5	99.6	99.7	99.9											
GE 1001 98.7 99.5 99.6 99.7 99.9 99.9 100.0 100.																			
GE 0  98.7 99.5 99.6 99.7 99.9 98.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0																			
7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7	GΕ	1	001	98.7	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			- •			-													

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

	•											MONTH	•			0000-02	_
•	LING	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••	•••••	******		IN STATE	ITE MIL	FS.	• • • • • • •	• • • • • • •	•••••	•••••	••••
		l GE	GE	GE	GE	GE	G€	GE			GE		G.E	GE	GE	GE	GE
		1 10	- 6	5	ŭ.,		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	
				-				_			-						
								••••			••••						
	CF IL	£3.5	33.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	64.1	84.3	84.3	84.3	84 .3
					3334			• • • •				• • • •		••••	,		• • • • •
	20000	84.1	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84 .5
	18630	84.1	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84 .5
	16000	84.5	84.6	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1	45.1	85.1	85.2	85.2	85.2	85 .2
	14000	85.5	85.6	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86 .2
	12600	1 .64	88.2	88.2	88 • 2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	68.8	86.6	88 .
		-															
1	10000	89.5	89.7	89.7	89.7	93.2	96.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90 .3
	9000	90.5	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.
Ε	8000	91.5	91.6	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.
Ε	7000	92.1	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.
	6000	93.0	93.1	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.
Ε		93.7	93.8	93.8	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94 .
Ε		94.7	94.8	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.
Ε		95.2	95.4	95.4	95 • 4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96 .
Ę		95.9	96.2	96.2	96 • 2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96 .
Ε	3500	96.6	96.8	96.8	96.9	97.7	97.7	97.7	97.7	97.7	97.7	77.7	97.7	97.8	97.8	97.8	97.
Ε		97.3	97.5	97.5	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98 .
Ε		97.7	97.9	97.9	98 • G	98.8	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98 • 9	98.9	98 .
Ε		97.7	97.9	97.9	98 . U	98.8	98.6	98.8	98.8	98.8	98.8	98.6	98.8	98.9	98.9	98.9	98.
		98.0	98.3	98.3	98.4	99.3	95.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.
Ε	17.00	98.3	98.5	98.5	96.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.0
-																	
E E		98.3	98.5	98.5 98.5	98.6 98.6	99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.6	99.6 99.6	99.6	99.6
Ē		98.3	98.5 98.5	98.5	98 • 6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.0
E		98.3	98.5	98.5	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.
-		1 98.3	98.6	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.
E	603	1 2003	7010	70.0	70 4 5	77.0	77.0	77.0	7740	77.0	77.6	77.0	7710	7740	7780	7749	77 0
:	r ne	1 98.3	98.6	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.
		98.3	78.6	98.6	98 • 5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.4
-		98.4	98.8	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	160.0	100.0
Ē		98.4	98.6	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
		98.4	98.8	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
•		, ,,,,,		, , , ,	,,,,	,	,,,,	,,,,	,	.,,,,	,		,,,,				
		99.4	98.8	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS: 813

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#### PERCENTAGE FREGUENCY OF GCCURRENCE OF CEILING YERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: OCT HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES GF GE GE GE CE IL ING 6 E 2 6E GÉ GE 1 1/2 1 1/4 6 E 9 B FEET 10 3 2 1/2 3/4 5/8 1/2 5/16 1/4 NO CETL 1 84.7 85.2 85.2 85.2 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 45.6 85 .6 85.7 86.1 GE 200001 85.2 85.7 85.7 86.1 86.1 86.1 86.1 18700| 85.2 16000| 85.9 85.7 86.3 86.1 86.7 87.5 86.1 86.7 87.5 86.1 86.7 87.5 86.1 86.7 87.5 GE 85.7 86. I 86. 7 86.1 86.7 86.7 86.1 86.1 86.7 86.1 86.7 86.1 86.7 86.1 86.3 86.3 14000 87.5 87.5 87.5 86.6 87.1 87.1 87.5 87.5 87.5 A7.5 84.7 88.7 91.3 92.0 92.6 91.3 92.0 92.6 90.9 90.9 90.9 91.3 GΕ 100001 91.3 91.3 91.3 91.3 91.3 91.3 91.3 92.0 92.6 93.6 GE 9000| 90.9 8000| 91.5 91.6 91.6 91.6 92.3 92.0 92.6 92.0 92.6 92.0 92.6 92.0 92.6 92.0 92.6 92.0 92.0 92.6 92.6 92.0 92.6 70001 92-4 93.2 93.2 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 GE 93.6 93.6 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 93.7 94.1 94.6 93.7 93.7 94.1 94.6 94.1 94.5 95.0 95.8 94.1 94.5 95.1 94.1 94.5 95.1 95.9 94.1 94.5 95.1 95.9 94.1 94.5 95.1 95.9 94.1 94.5 95.1 95.9 GE uE 94.1 94.5 95.0 95.8 94.1 94.5 95.1 95.9 94.1 94.5 95.1 95.9 94.1 94.5 92.9 94.1 94.5 94 .1 94 .5 5-001 45001 93.2 95 .1 95 .9 GE 40001 93.5 94.6 95.1 95.9 95.1 95.9 95.4 96.1 95.4 95.9 95.4 GΕ 30031 94.8 96.4 96.7 96.7 97.4 96.7 97.4 97.4 97.4 97.8 97.0 97.6 97.3 97.3 97.3 97.3 97.3 98.0 GE GE 25001 95.4 97.3 97.3 97.3 97.3 97.3 1800 96.2 1800 96.3 98.0 98.0 98.0 98.5 98.0 98.0 98.0 98.5 96.0 GE GF 97.4 97.4 97.8 97.8 98.0 98.0 98.0 98.0 98.0 98.D 98.5 98.0 98.5 98.0 98.5 98.3 98.5 98.3 12601 98 . 8 98.4 98.5 98.5 98.8 98.9 98.9 99.0 99.3 99.3 99.0 99.3 99.3 99.0 99.3 99.3 99.0 99.3 99.3 98.4 98.5 98.8 99.0 99.3 99.3 99.0 99.3 99.3 99.3 99.0 99.3 99.3 99.0 99.3 99.3 99.3 99.0 99.3 CE 10001 96.8 98.3 99.0 UE GE 9001 96.9 98.4 99.3 99.3 98 . 5 98.9 98.9 99.3 98.9 99.3 99.3 GE 7001 96.9 98.4 98.5 98.5 99.3 99.3 99.3 99.3 6001 96.9 99.4 98.5 98.6 99.4 99.4 99.4 ٤E 99.4 99.5 99.5 98.8 98.8 98.5 99.0 99.0 98 • 6 98 • 6 98 • 6 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GE GE 5001 96.9 4001 96.9 3001 96.9 99. I 99. I 99.5 99.5 99.5 98.5 98.5 99.1 99.1 99.5 99.5 99.5 99.5 99.1 99.4 99.4 99.1 99.5 99.5 GE 98.5 99.5 99.0 2001 97.0 1001 97.0 99.6 99.6 98.6 99.4 99.8 99.8 GE 99.8 GE 98.6 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 98.6 99.4 GΕ CI 97.0 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0

TOTAL NUMBER OF OBSERVATIONS: 813

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PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: 53-62 MONTH: OCT HOURS(LST): 0600-0800 CE IL ING VISIBILITY IN STATUTE MILES IN FEET G€ 1 1/2 GE 5/16 6E 1/4 G E GE GE GE GE GE GE GE 10 1 1/4 1/2 6 5 4 3 2 1/2 2 3/4 5/8 NO CEIL | 77.4 78.0 78.0 78.5 78.0 78.0 78.0 76.0 78.0 78.0 78.0 78.0 78,1 78.1 78.2 78 -6 GE 200001 80.0 80.6 80.8 80.6 80.6 80.6 8C.6 80.6 80.6 80.6 80.6 80.6 80.7 80.7 GΕ 180001 80.0 90.6 80.6 80.6 80.6 85.6 80.6 80.6 80.6 80.6 80.6 80.6 80.6 80.7 80.7 80.8 81.2 81.2 GΕ 80.6 80.6 80.6 80.6 80.8 80.8 140001 80.8 6D. 8 83.8 80.8 80.8 80.6 80.9 94.7 84.7 GE 120001 64.1 84.7 84.7 84 . 7 84.7 84.7 84.7 84.7 84.7 84.7 84.9 84.9 85.0 85 .4 97.1 87.1 87.1 88.2 87.1 88.2 87.1 88.2 88.7 87.1 88.2 88.7 87.1 88.2 86.7 89.7 87.1 88.2 88.7 87.1 88.2 88.7 87.1 87.1 88.2 87.2 88.3 87.2 88.3 87.7 6E 100001 86.5 87.3 88 .8 58.2 86.7 88.2 95051 87.6 88.4 GE 85001 88.1 71001 89.1 60001 90.2 89.7 88.8 88.9 68.7 68.7 88.8 48.7 89.7 89.7 89.7 89.7 90.3 89.7 89.7 89.7 89.7 GE 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.9 92.0 93.1 94.7 95.4 96.8 92.0 93.1 94.7 92.0 93.1 94.7 92.0 93.1 94.7 92.G 93.1 94.7 92.0 93.1 94.7 92.0 93.1 94.7 92.0 93.1 94.7 92.0 93.1 94.7 92.1 93.2 94.8 92.0 92.6 93.7 ьE 50001 91.4 92.0 92.1 92.3 93.1 94.7 95.4 96.8 GE 450G1 92.5 93.2 94.8 93.4 45001 94.1 45001 94.1 35001 94.8 94.7 95.4 96.8 95.0 95.3 95,4 96.8 95.4 96.8 GE 95.4 95.4 96.8 95.4 96.8 95.4 95.4 95.6 95.6 96.9 95.7 97.0 95.4 96.8 30001 97.4 97.5 97.5 97.4 97.5 97.5 97.4 97.5 97.5 97.9 97.4 97.5 97.5 97.9 97.4 97.5 97.5 97.4 97.5 97.5 97.4 97.5 97.5 97.4 97.5 97.7 97.7 97.4 97.5 97.5 97.5 25001 96.7 97.4 97.4 97.7 96 .0 ЬE GE 20001 96.8 97.5 97.5 97.5 97.5 97.5 97.5 97.7 97.8 98 .Z 15001 97.0 97.9 97.9 98.0 97.5 97.9 97.9 97.9 GE 12001 97.0 98.0 98.4 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.2 98.2 98.3 98 .6 98.3 98.4 98.3 98.3 98.4 98.4 98.4 94.5 98.5 10001 97.3 98.3 98.3 98.3 98.3 98.3 GE 98.3 98.3 98.3 98.3 98.3 98.3 96.4 98.5 98.9 98.3 98.4 96.3 98.5 98.6 98.6 98.3 98.3 98.3 98.4 98.9 GE 98.3 98.3 98.3 98.3 836| 97.3 700| 97.3 98.3 98.3 98.4 98.4 98.4 99.0 υE 98.3 98.4 98.4 98.4 98.4 98.4 GE 98.4 98.5 99.0 98.3 98.4 98.4 6001 97.3 99.0 99.1 99.1 99.4 99.4 98.8 98.9 99.0 99.0 98.9 99.0 99.0 99.1 99.1 99.4 99.4 99.5 99.4 99.8 ĠΕ 5001 97.3 98.3 96.3 98.5 96.8 96.8 78.9 98.3 98.6 400| 97.3 300| 97.3 200| 97.3 98.3 98.3 98.5 98.4 98.4 98.6 98.4 96.4 98.6 98.9 98.9 99.1 99.1 98.9 98.9 99.1 99.1 GΕ 98.6 98.6 96.8 99.0 99.0 99.3 99.3 GĒ 99.6 98.9 99.1 98.9 99.3 99.6 99.0 99.3 100.0 100 | 97.3 78.5 98.6 99.0 99.1 99.3 98.6 99.4 GE 71 97.3 99.1 99.3 99.3 99.3 49.6 99.4 99.6 1C0 .0 98.5 98.6 98.9 99.1 99.1 98.6 99.0

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### PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 MONTH: OCT HOURS(LS STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM HOURS(LST): 0900-1100 CE IL ING GΕ 6£ 6E **6E** G£ FEET 1 3 2 1/2 0 10 5 1/2 5/16 6 4 3/4 5/8 1/4 79.7 NO CEIL | 79.3 79.6 79.6 79.6 79.6 74.6 79.7 79.7 79.7 79.7 79.7 79 .6 83.5 83.6 83.6 84.0 GE 187001 83.1 GE 187001 83.1 GE 160001 63.4 GE 14000. \*\* GE 200001 83.1 83.4 83.4 83.5 83.5 83.5 83.5 83.5 83.5 83.5 93.4 83.4 83.4 83.4 83.6 83.9 8374 83.4 83.8 84.0 85.5 83.4 83.5 83.5 83.9 83.5 83.9 84.1 85.6 83.5 83.5 83.5 83.5 83.5 83.5 83.6 83.9 GE 14000| 83.5 GE 12000| 65.0 84.C 84.1 84.1 85.6 84.1 84.1 84.1 84.1 85.4 a5.4 85.5 85.6 85.7 87.6 87.6 88.3 69.1 87.1 87.7 88.4 87.2 87.6 GE 100001 86.6 87.0 87.1 87.1 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.2 87.5 67.8 88.6 89.3 87.8 88.6 69.3 87.9 9000| 87.2 8000| 87.9 57.6 88.3 87.7 87.8 87.6 87.8 87.8 87.7 87.6 87.8 GE 86.4 88.6 88.6 89.3 ĢΕ 85.4 88.6 88.6 88.6 86.6 70001 88.6 99.1 91.4 89.2 89.2 89.3 89.3 91.6 #9.3 91.6 89.3 91.4 92.4 93.2 96.1 97.0 92.4 93.2 GÉ 50001 92.1 92.1 92.3 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.5 93.û 95.8 93.2 96.1 97.0 93.2 96.1 97.0 98.3 93.2 96.1 97.0 93.2 96.1 97.0 JE JE 45001 92.3 93.0 95.8 93.1 95.9 93.1 95.9 93.1 95.9 93.2 93.2 93.2 93.4 95.1 40001 35301 96.1 96.1 97.0 96.1 97.0 96.1 96.8 96 • 9 98 • 2 96.9 űΕ 96.9 98.3 98.2 98.2 98.4 98.5 98.6 98.6 98.5 98.6 GE GE GE 25001 98.4 98.4 98.4 98.4 98.2 98.2 98.3 98.3 96.3 98.4 98.4 98.4 98.4 97.4 97.5 97.7 98.3 98.4 98.5 98.3 98.4 98.5 98.9 98.5 98.6 98.8 98.5 98.6 98.8 98.5 98.6 98.8 98.5 98.6 98.8 98.5 98.6 98.8 98.5 98.6 98.8 98.5 98.6 98.8 99.3 2000 98.2 98.3 98.4 98.2 98.5 98 ·8 98.3 98.4 98.6 15061 GE 12001 98.0 98.8 98.6 98.9 98.9 99.1 99.3 99.3 99.3 99.3 99.3 99.3 99.1 99.1 99.1 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 98.8 99.3 99.4 99.5 99.5 1.5 10001 98.0 98.8 98.9 98.9 96.9 99.1 99.3 99.3 99.3 99.3 99.3 98.C 98.9 98.9 98.9 9601 98.8 GE 98.8 98.9 98.9 98.9 99.3 99.4 99 .5 99 .5 98.8 98.0 LE 7401 98.8 98.9 99.3 99.3 98.8 ... 2.00 99.4 99.5 99.5 99.5 99.6 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 5001 58.2 4001 58.2 3001 98.2 99.1 99.1 99.8 100.0 GΕ 99.0 99.1 99.8 GE GE 99.0 99.0 99.U 99.U 99.1 99.1 100.0 99.4 99.8 99.8 99.9 99.5 GE GE 2001 98.2 99.0 99.0 99.1 99.6 99.8 99.8 99.8 99.8 99.9 2001 99.0 99.1 19.1 100.0 GE 21 98.2 99.1 99.1 99.4 99.5 99.6 99.8 99.0 99.1 99.6

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### PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PEWIOD OF RECORD: 53-62 NONTH: OCT HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES CEILING e É GE GE 3 2 1/2 IN | GE FEET | 10 1 1/2 1 1/4 2 1/4 1 3/4 5/8 1/2 5/16 NO CEIL 1 76.6 77.0 76.6 76.6 76.6 76.6 76.6 76.6 81.4 GE 207001 61.4 61.4 81.4 81.4 41.4 81.4 41.4 81.7 81.4 81.4 81.4 81.7 81.4 81.6 81.8 81.7 81.8 92.0 81.7 81.8 62.3 61.6 62.0 82.0 82.2 GE 167001 81.7 GE 167001 81.8 GE 140001 82.7 82.2 82.4 81.7 81.7 81.7 81.7 82.0 81.8 81.8 61.8 82.0 81.8 82.6 81.8 82.0 81.8 81.8 82.0 41.8 82.0 81.6 82.2 82.4 82.0 GE 120001 82.9 82.9 84.1 84.6 85.4 87.2 84.6 85.4 84.1 84.6 85.4 84.1 84.6 85.4 84.5 85.0 85.7 84.5 85.0 85.7 GE 100001 84.0 84.1 84.1 94.1 84.1 84.1 84. 1 84.1 84.1 84.5 85.4 87.0 84.6 85.4 87.2 90001 84.5 90001 65.2 84.6 85.4 87.2 84.6 85.4 87.2 GE GE 84 • 6 85 • 4 84.6 85.0 85.4 85.4 87.2 85.7 87.2 91.6 97.6 G€ 70031 86.7 87.2 87.2 87.6 87.6 91.6 93.6 95.0 97.3 93.6 GE 5000 93.1 93.4 93.6 93.6 45001 94.5 40001 96.7 94.7 95.0 95.0 97.3 95.0 97.3 97.9 95.0 95.0 97.4 98.0 95.0 97.4 98.0 95.0 97.4 98.0 98.3 95.0 95.0 97.7 95.3 98.0 úΕ 95.0 95.3 95.3 97.4 98.6 GE GE 96 .0 35001 97.3 97.5 97.8 97.9 98.0 97.8 98.3 GE 30001 97.5 98.0 98.2 98.2 98.3 98.3 98.9 48.9 98-9 98.2 99.0 99.0 99.1 94 .9 GΕ 25001 97.5 97.8 98.0 94.3 98.3 98.3 98.3 98.5 98.9 94.9 98.2 98.2 98.5 94. 3 99.0 99.4 99.8 99.8 99.9 99.8 98.6 98.6 98.6 98.9 98.9 99.0 99.0 99.1 99.1 99.1 99.3 99.1 99.1 99.3 99.8 99.6 99.9 GE GE 20001 98.3 99.1 99.1 99.3 99.1 99.1 99.1 99.1 99.3 12001 98.4 GE 99.0 99.1 99.1 99.1 99.5 99.5 99.5 99.5 10001 98.4 98.8 99.3 99.1 99.1 99.3 99.1 99.3 99.3 99.3 99.3 99.9 99.9 99.9 99.3 99.3 99.3 99.3 99.3 99.3 900| 98.4 800| 98.4 703| 98.4 98.6 98.8 98.8 99.1 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.0 99.1 99.9 99.9 99.3 99.9 99.9 99.9 99.1 99.1 99.3 99.1 LE 99.1 6001 98.5 99. 3 100.0 5001 98.5 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 100.0 100.0 98.9 99.1 99.3 99.3 99.3 99.4 99.4 99.4 100.0 4001 98.5 3001 98.5 2001 98.5 1001 98.5 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.3 99.J 99.3 99.6 98.9 100.0 100.0 100.0 99.3 99.1 99.1 99.1 100.0 GE 98.9 100.0 100.0 99.3 100.0 76.9 99.4 170.0 100.0 100.0 99, 3 99.4 99.4 100.0 160.0 100.0 6E 01 98.5 98.9 99.1 99.5 99.3 99. 3 99.4 99.4 99.4 99.4 99.4 99.4 99.6 ......

GLOBAL CLIMATOLOGY BRANCH USAFETAC

## PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY Observations

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AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 53-62
MONTH: QCT HOURS(LST): 1500-1700 STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM VISIBILITY IN STATUTE MILES CEILING IN | FEET GE GE GE 2 1 1/2 1 1/4 GE 3/4 6E 5/16 GE 1/4 3 2 1/2 1 1/2 60.2 80.3 80.3 85.2 85.5 GE 200001 84.5 85.<sub>U</sub> 85.0 05.0 85.0 85.0 85.1 85.1 85.1 85.1 35.3 85.1 GE 180001 64.6 GE 160001 64.8 GE 140001 85.3 85.1 85.1 85.3 86.1 85.1 85.1 85.3 85.1 85.3 85.2 85.2 85.5 45.2 85.5 85.2 85.5 85,2 85.5 85.2 95.2 85.5 85.5 85.5 85.7 86.0 86.2 86.2 88.0 GE 120001 87.1 87.7 87.8 87.8 67.8 87. A 88.0 88.0 86.0 88.0 88.0 88.0 88.2 88.2 88.7 48.7 89.3 89.7 UE 100001 87.8 44.5 88.6 88.6 88.6 88.6 88.7 86.7 68.7 48.7 88.7 88.7 89.0 89.0 90001 88.5 82001 88.8 70001 89.5 89.2 89.3 89.7 89.6 89.3 89.7 90.6 GE GE 69.1 89.2 89.2 89.3 89.3 89.3 89.7 90.6 89.3 89 .6 98 .0 90 .9 89.3 89.6 89.6 90.5 94.6 89.5 89.6 90.5 90.6 89.7 89.7 90.0 GE 90.6 90.6 90.6 90.6 90.6 90.9 60001 94.7 ٥Ę 94.7 95.0 50001 95.2 45001 96.0 40001 97.2 35001 97.4 96.2 97.0 98.4 98.6 96.5 97.2 98.6 98.9 95.9 96.4 97.1 96.5 97.2 96.5 96.5 97.2 98.6 98.9 96.5 97.2 98.6 98.9 96.5 97.2 98.6 98.9 96.7 97.5 98.9 97.1 98.5 98.7 97.2 97.5 98.9 96.6 97.1 97.2 98.6 98.9 99.0 98.5 98.7 98.6 98.6 GE GE 98.2 98.7 98.9 99.1 99.1 99.0 99.0 25001 97.9 25001 98.2 18<sub>60</sub>1 98.2 99.2 99.6 99.6 98.7 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 GE 99.1 99.4 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE GE 99.1 99.5 99.6 99.7 99.7 99.7 100.0 100.0 18<sub>60</sub>1 98.2 15001 98.2 6E 99.1 99.5 99.6 99.6 99.7 100.0 100.0 99.5 99.6 99.1 99.7 99.7 ĞĒ 12001 98.2 99.1 99.6 100.0 100.0 1000| 98.2 900| 98.2 800| 93.2 99.5 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.1 99.7 99.7 99.7 99.7 99.7 99.7 99.7 100.0 GE 99.6 100.0 GE 99.6 160.0 100.0 99.1 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 99.1 99.5 7001 98.2 99.6 100.0 100.0 úΕ 6001 99.1 99.5 99.7 99.7 100.0 5001 58.2 4001 98.2 3001 98.2 2001 98.2 1001 98.2 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 100.0 100.0 99.1 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.5 99.7 99.7 100.0 100.0 99.7 99.5 99.7 ĿΕ 99.1 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 100.0 100.0 99.6 99.1 99.6 ul 98.2 99.7 1GD.0 100.D ĿΕ 99.1 99.5 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7

TOTAL NUMBER OF ORSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION	NUMBER:	74734C	STATI	ON NAME:	W+ 11	E SANDS	HR NH				PERIOD	OF REC	ORD: 53	-55,57-	62 1800-2 <sub>0</sub>	
	LING	• • • • • • •	• • • • • • •	• • • • • •	••••		•••••	V 15 I	FILITY	IN STAT	UTF MIL	ES	•••••	• • • • • • •	•••••	• • • • • • •	•••••
1		1 GE	GE	GE	GE	GE	G€	GE	GE	GE	GE	GE	GE	GE	GF	GE	<b>6€</b>
FE		1 10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	a
		•															
																• • • •	
NO	CEIL	1 62.7	83.1	43.1	83.1	83.1	83.1	63.1	83.1	83.1	83.1	63.1	83.1	83.1	83.1	83.1	83.1
6E	20000	1 65.4	85.8	85.8	85 e é	85.8	85.8	85.8	85.8	65.8	85 · B	85.8	85.8	65.8	85.8	85.8	85.8
		85.4	85.6	65.8	85.8	65.8	85.8	85.8	85.8	85.8	85.8	85.8	85.6	85.9	85.8	45.8	85 .8
GE .	16000	86.2	86.6	66.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE .	14600	1 66.8	37.2	67.2	87.2	87.2	67.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	12000	1 89.1	88.5	88.5	86.5	88.5	88.5	88.5	88.5	88.5	68.5	88.5	88.5	88.5	88.5	88.5	88.5
GE	10000	1 69.8	89.3	89.3	89.5	69.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
		90.1	93.7	90.7	90.8	90.8	90.6	90.8	90.8	90.8	90.8	93.8	90.8	90 8	93.8	90.a	90 .8
		97.4	91.0	91.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
űΕ	7060	93.4	91.0	91.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91 i
٥E	6000	1 93.1	93.7	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94 •2
(. <b>F</b>	rcon	1 54.5	95.1	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
		94.5	95.1	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GΕ		96.1	96.9	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE		1 97.2	98.0	98.0	98.5	98.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98 .7
LE		97.7	98.5	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GΕ	25.00	1 98.4	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0
GE.		98.5	99.3	99.3		160.0	1 CC. C	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		98.5	99.3	99.3		160.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
ĿΕ		98.5	99.3	99.3		100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		1 98.5	99.3	99.3		100.0			100.0			100.0		100.0	100.0	100.0	100.0
GE	1007	1 98.5	99.3	99.3	99.9		100.0	100.0		100.0	100.0			100.0	100 0	100.0	10.0
GF		98.5	99.3	99.3			100.0	100.0		100.0		100.0		100.0	100.0		100.0
6E		1 98.5	99.3	99.3			100.0	100.0	100.0			100.0	100.0		100.0		100.0
GE		1 98.5	99.3	99.3			0.001	100.0	103.4			100.0	100.0	100.0	100.0	100.0	100.0
GE		98.5	99.3	99.3			1 00.0	100.0	100.0			100.0		100.0	100.0		100.0
											•						100.0
GE GE		1 48.5	99.3	99.3			100.0	100.0	100.0			100.0	100.0		100.0	100.0	100.0 100.0
		1 98.5	99.3 99.3	99.3			1 30.0	100.0	100.0			103.0		100.0	100.0	100.0	100.0
GE GE		1 98.5	99.3	99.3			150.6	100.0	100.0		100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE		78.5	99.3	99.3			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	.50			77.5									•				
GΕ		99.5	99.3	99.3	99.9	100.0	1.00 - 0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0

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TOTAL NUMBER OF GRSERVATIONS: 74

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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

100.0 100.0

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-55,57-62 HONTH: OCT HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES GE GE GE GE GE 2 1 1/2 1 1/4 1 CE IL ING GE GE 3 2 1/2 IN | GE FEE1 | 10 GE 6 GE 5 -GE 5/16 1/2 1/4 0 3/4 578 . . . . . . . . . . . . . . . . . NO CETL | 64.8 84.9 84.9 84.9 84.9 85.0 85.0 85.0 94.8 84.2 84.8 84.9 84.9 84.9 85.0 85.0 UE 200001 86.8 86.9 86.9 87.4 86.9 86.9 87.4 86.9 86.9 87.4 87.0 96.8 86.8 86.8 86.9 86.9 86.9 86.9 87.0 87.0 87.0 87.0 180007 86.8 160001 87.3 140001 87.9 87.0 87.6 88.1 87.0 87.6 88.1 86.8 97.3 86.8 86.8 86.9 86.9 86.9 86.9 87.0 87.6 87.0 87.6 87.0 GΕ 87.6 87.9 88.0 88.0 88.0 88.0 87.9 86.0 88.1 GE 120001 89.9 89.9 89.9 89.9 90.0 90.0 90.0 90.0 90.0 90.0 90.1 90.1 90.1 90.1 91.0 92.2 92.3 6F 100001 50.8 90.8 92.0 90.6 92.0 90.8 92.0 91.0 91.0 92.2 91.0 92.2 91.0 92.2 91.0 92.2 91.0 92.2 91.1 92.3 91.1 91.1 92.3 91.1 91.1 92.3 90001 92.2 92·3 92·4 92.4 GE 92.2 92.3 92.4 92.4 92.2 92.3 92.3 92.3 92.3 92.3 ĿΕ 70001 92.2 92.2 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.4 92.4 92.4 94.3 94.3 50001 94.6 45001 95.0 47001 96.0 94.9 94.9 95.1 95.4 95.4 95.4 95.4 95.4 95.4 95.5 95.5 GE 95.5 95.8 96.8 97.4 95.8 96.8 97.4 95.8 96.8 97.4 96.0 96.9 97.6 96.0 96.9 97.6 96.0 96.9 97.6 96.9 96.9 95•3 96•2 95.3 96.2 95.8 95.8 96.8 96.0 96.9 GE 95.5 95.8 95.8 96,5 96.8 97.4 96 • 8 97 • 4 97.4 97.6 GF 35 ac 1 96.6 96.9 96.9 97.2 97.4 G€ 30001 98.0 98.2 98.2 98.7 99.1 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.1 99.3 99.6 99.6 99.7 99.3 99.6 99.6 99.7 99.5 99.7 99.7 99.5 99.7 99.7 99.5 99.7 99.7 99.5 99.7 99.7 GE 98.5 98.8 96.9 99.2 99.3 99.3 99.6 99.3 99.6 99.3 99.3 99.5 99.7 25 ac l 98.5 99.6 99.7 99.6 99.6 99.7 GE 20001 98.5 99.6 98.8 98.8 99.6 99.7 99.2 99.6 99.7 99.7 GE 99.7 99.9 ζĒ 1200 | 98.7 98.9 98.9 99.3 99.7 99.7 99.7 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.1 99.1 99.1 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 GE 10001 98.8 99.9 100.0 100.0 100.0 100.0 930 98.8 100.0 ĿΕ 100.0 99·9 99.9 100.0 100.0 GΕ 8001 98.8 99.1 99.1 99.5 99.9 99.9 99.9 99.9 99.9 100.0 100-0 100.0 99.9 99.9 GE 7001 98.8 99.1 99.1 99.5 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 6001 79.1 100.0 99.9 99.9 99.9 500| 98.8 99.1 99.1 99,5 99.9 99.9 99.9 99.9 99,9 100.0 100.0 100.0 100.0 100.0 99.9 4J01 98.8 3301 98.8 99.1 99.1 99.1 99.1 99.5 99.9 99.9 99.9 99.9 99.9 100.0 100.0 GE 100.0 100.0 100.0 99.9 GΕ 100.0 100.0 100.0 100.0 2001 98.8 1001 98.8 99.1 100.0 99.1 99.5 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 GE 99.9 99.9 99.9 99.9 100.0 100.0 99.1 94.5 99.9 99.9 100.0

TOTAL NUMBER OF OPSERVATIONS:

99.1

99.1

01 98.8

99.9

99.5

99.9

99.9

99.9

99.9

99.9

100.0

100.0

100.0

99.9

GE

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## PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM FOURLY $\sigma_{bS}_{e}$ rvations

PERIOD OF RECORD: 53-62
HONTH: OCT HOURS(LST): STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM VISIBILITY IN STATUTE HILES CE IL ING GE GE 3 2 1/2 GE 5 6E GE GE 2 1 1/2 1 1/4 GE 5/8 GE 1/2 G E O GF FEET 1 10 6 4 1 3/4 5/16 1/4 •••••• MO CEIL | 81.0 81.3 81.5 61.5 81.5 81.3 81.5 81.5 81.5 81.5 81.5 81.6 81.6 81.7 GE 200001 63.8 84.2 84.2 84.6 84.2 84.2 84.6 84.2 84.3 84.6 84.2 84.3 84.6 84.2 84.3 84.6 84.3 84.3 84.7 84.3 84.4 84.7 84.4 84.4 84.6 84.2 84.3 84.6 84.2 84.3 84.6 84.2 84.4 84.1 84.1 84.1 84.3 GE 16000 84.2 £4.5 84.9 1400G| 64.7 12000| 86.6 85.2 85.2 85.2 87, 1 87.1 87.3 88.6 89.5 90.0 88.6 89.4 90.0 88.6 89.5 90.0 88.6 89.5 90.0 88.6 88.6 89.5 90.0 88.6 89.5 90.1 88.7 89.6 90.2 GE 100001 68.0 88.4 8 R . 4 88.4 88.6 88.7 89.6 90.1 90001 88.9 89.3 89.3 89.4 89.6 89.9 90.0 90.0 4E 89.8 98.0 90.2 70001 90.8 90.8 90. a 93. 0 90.8 90.6 9D.8 90.8 93.9 90.9 90.5 90.8 GE 6C001 92.2 93. 1 5000| 93.3 4530| 94.1 4200| 95.5 94.2 94.9 96.5 97.2 94.2 95.0 96.5 94.2 95.0 96.5 94.2 95.0 96.5 94.2 94.2 94.2 95.0 94.3 95.0 96.6 97.3 94.4 95.1 96.7 97.4 GE 93.8 93.9 94.0 94.2 94.3 95.1 94.6 96.3 97.0 95.0 96.5 94.6 94.7 95 •2 96 •8 GE 96·5 97·2 96.5 97.3 98.1 96.5 97.3 96.6 97.4 GE 35001 96.2 30001 96.9 96.8 97.3 98.1 97.3 97.3 97.3 98.1 98.3 98.1 98.2 98.5 98.9 98.9 98.5 98.0 98.5 98.4 98.1 98.2 98.4 98.4 98.5 98.5 98.5 98.5 98.6 98,6 98.7 25001 98 .8 99.1 99.1 99.4 GE 2001 97.7 18001 97.7 98.4 98.6 98.8 98.8 98.9 98.9 98.9 98.9 98.9 99.0 99.0 99.1 98·9 99·1 99.1 GE 15001 97.8 98.6 98.8 99.1 99.2 99.3 99.3 12601 98.0 98.7 98.8 98.9 99.2 99.3 99.4 99.4 99.4 99.5 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 GE 98.8 99.0 99.0 99.0 99.0 99.2 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.5 99.5 99.5 99.5 10001 98.0 99.2 99.3 2.00 99.5 99.6 98.8 98.9 98.9 98.9 99.6 99.6 99.6 99.6 99.7 υE 9801 98.0 98.8 99.4 99.4 99.4 e001 98.0 99.4 99.4 99.4 99.5 GE 98.8 99.3 99.4 99.5 99.3 99.5 7001 98.0 98.8 99.3 99.4 99.5 99.7 GE 99.7 99.5 99.6 99.6 99.7 99.7 99.1 99.1 99.2 99.2 99.4 99.4 99.5 99.5 GE 5001 98.1 98.8 99.0 99.4 99.5 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.8 99.8 99.0 99.1 99.1 99.4 99.4 99.5 99.5 99.5 99.6 99.6 99.7 4001 58.1 98.8 99.6 99.6 99.7 99.7 ĿΕ 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.9 GE 3001 98.1 2001 98.1 99.6 99.7 99.7 99.8 98.9 98.9 99.9 100.0 99.2 100.0 99.9 GE SI 98.1 98.9 99.1 99.2 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.8 99.9 100.0 00.7

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### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR MM PERIOD OF RECORD: 53-62 MONTH: NOV HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES CE IL ING GE GE 3 2 1/2 IN I SE FEET | 10 GE GE 2 1 1/2 GE 1/4 GE 1/2 GE 5/16 ٠, - 4 1 1/4 \_0 6 1 3/4 NO CETL | 65.7 86.5 96+8 86.8 86.8 86.8 86.8 86.8 86.8 88.4 88.7 88.7 GE 200001 67.3 87.9 87.9 88.1 88.4 88.4 88.4 88.7 88.7 88.4 88.4 88.4 88.4 88.1 88.4 98.4 18000| 67.6 88.1 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 98.1 88.4 88.7 88.7 UE 16000| 87.6 UE 14000| 89.0 UE 12000| 91.0 38·1 89·5 88.4 88.4 RA . 7 88.7 89.5 89.8 89.8 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 91.0 91.6 91.6 91.8 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.2 92.5 92.8 92.8 93.1 93.6 93.7 UE 100001 91.6 92.2 92.5 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 92.8 90001 91.8 80001 92.4 70001 92.5 93.1 93.6 93.7 92.5 92.5 92.0 93.1 93.1 93.1 93.1 93.1 93.1 93.6 93.7 93.1 93.6 93.1 93.6 93.7 93.1 GΕ 93.1 93.1 93.3 93.3 93.6 93.6 93.6 93.6 93.6 93.6 93.7 95.1 93.7 95.1 93.7 ÚΕ 93.7 93.7 60001 95.1 95.1 96.2 96.2 50001 95.6 95.9 96.2 96.9 96.3 96.5 97.0 97.3 96.9 97.0 96.9 97.0 4500| 95.6 4700| 95.8 96.5 96.6 96.9 97.0 96.9 97.0 96.9 97.0 ٥E 96.6 96.9 96.9 96.9 96.9 96.9 97.0 97.5 97.0 97.0 97.0 97.0 97.0 96.7 96.3 97.5 97.8 ьF 35 ap 1 97.3 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.8 97.8 GΕ 97.8 97.8 97.8 98.2 98.2 98.4 98.4 98.2 98.2 98.4 98.2 98.2 98.2 98.2 úΕ 25001 97.0 97.7 97.7 98.0 98.0 98.2 98.2 98.2 2006| 97.1 1800| 97.1 1500| 97.1 97.8 97.8 97.8 98.4 98.4 98.4 98.1 98.4 98.4 98.4 98.4 98 .4 98 .4 97.8 98.1 98.4 98.4 98.4 97.6 97.8 98.4 96.4 98.4 98.4 98.4 98.4 98.4 UE. 98.1 98.4 GE GE 98.8 12001 97.5 98.2 98.2 98.5 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 99.0 99.2 99.5 99.5 99.6 GE 10001 97.8 98.5 98.5 98 • 8 96 • 9 98.8 99. D 99.0 99.G 99.0 99.5 99.5 99.5 9001 98.0 99.2 99.2 99.6 99.6 99.2 99.2 99.2 99.2 99.6 GE 98.6 98.4 98.9 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 υE 800| 98.5 700| 98.0 98.6 98.6 98.9 98.9 99.2 99.2 99.6 99.6 99.6 99.6 99.6 99.2 98.6 98.6 98.9 98.9 99.6 99.6 99.6 99.6 GE 98.6 99.6 6001 93.C GE 99.6 99.6 99.6 99.7 99.9 5501 98.0 98.6 98.6 98.9 99.0 99.2 99.2 99.2 99.2 99.2 99.6 98.9 98.6 98.6 98.6 98.6 98.9 98.9 99.3 99.5 99.3 99.5 99.3 99.5 99.3 99.3 99.7 99.7 99.7 GE 4601 98.0 99.3 99.5 99.5 99.6 3001 98.0 99.9 99.9 2001 98.0 1501 98.0 98.6 99.2 99.5 99.9 100.0 98.9 99.5 99.5 99.5 99.9 99.9 99.9 99.9 100.0 100.0 98.6 98.6 99.6 99.6 106.0 98.9 99.5 99.6 99.5 100.0 GΕ 31 98.0 99.6 100 an 100.0 100.0 100.0 98.6 98.6 98.4 99.2 99.6 99.6 49.6 99.6

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	74734C	STATE	ON NAME:	WHIT	E SANDS	MR NM				PERIOD MONTH	OF REC		-62 (LST):	0300-0s	CO
CE IL ING	•••••	•••••	•••••	• • • • • •	•••••	VISI	BILITY	IN STATE	UTE MIL	 ES	•••••	• • • • • • •	•••••	•••••	••••
IN I GE	GE	GE	GE	GE	GE	GĒ	GE	GE	GE	GΕ	GF	38	GE	GE	GE
FEET   10	•	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
**	• • • • • •						*****		• • • • • •						
												•			
NO CEIL   85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	66.3	86.3
GE 200001 87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 186001 67.8	98.3	68.3	88.3	88.3	86.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	86.3
GE 160001 67.8	38.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 140001 89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7 92.0	89.7	89.7	89.7	89.7	89.7
GE 120001 91.4	92.0	92.C	92.0	92.B	92.0	92.0	92.0	92.0	92.0	72.0	92.0	92.0	92.0	92.8	92.0
GE 10000  92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
JE 90001 92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 80501 92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 7001 92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 60001 94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94 .7
									,						
GE 50001 95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95 .6
GE 45001 95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95 • 6
GE 40001 95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 35001 96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 30001 97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
								-							
GE 25001 97.6	78.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98 •2
GE 20001 98.0	98.6	98.6	98 • 6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98 .6
GE 18001 99.0	98.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98 .6
GE 1500  98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 12001 49.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1001 98.2	98.9	98.9	98 • 9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99 .2
GE 9001 98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2
GE 9001 98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2
GE 7001 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 6001 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 5001 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 4001 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6
GE 3651 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100 • 0
GE 2001 98.6	39.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 1901 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
, /4,0			,,,-		,,,,,					• • • •					
GE C1 98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	100.0	100.0	100.0	160.0	100.0
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#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OUSERVATIONS

STATION NUMBER: 74734C STATION NAME: PERIOD OF RECORD: 53-62
WONTH: NOV HOURS(LS HOURS (LST1: 0600-0800 CE IL ING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 GE S GE GE GE 2 1 1/2 1 1/4 GE 6E 10 GE 4 GE 5/16 G£ 6E 5/8 6E 1/4 IN FEET 6£ ~ 6 3/4 O NO CEIL | EZ.1 ₩2.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 62.5 62.5 82.4 82.5 82.5 82.5 82.5 GE 180001 84.2 84.6 84.7 87.4 84.6 84.6 84.7 84.6 84.6 84.7 97.4 84.6 84.6 84.7 84.4 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84.6 84 .6 84.6 84.7 87.4 GE 180001 64.2 GE 160001 84.3 84:6 84.7 84.6 84.7 84.6 84.7 87.4 84.6 84.6 84.7 87.4 64.6 84.7 87.4 84.6 84.6 84.6 94.6 87.4 89.9 87.4 87.4 87.4 140061 87.4 GE 12:001 89.5 89.8 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 89.9 69.9 89.9 90.4 91.0 91.7 100001 90.0 90.3 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 91.0 91.7 92.1 91.0 91.7 92.1 91.0 91.7 92.1 91.0 91.7 92.1 90001 93.6 80001 91.3 70001 91.7 91.6 91.7 91.0 91.7 90.8 91.5 91.0 91.0 91.7 91.0 91.7 91.0 91.0 91.0 91.7 91.0 91.7 91.7 92. <u>1</u> 92. 9 GE 91.9 92.1 92.9 92.1 92.9 92.1 92.1 92.1 92.1 92.1 92.9 92.9 92.9 зE 93.4 94.0 95.2 93.4 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6 üΕ 50001 93.2 93.4 93.6 93.6 4500| 93.6 4300| 94.8 3500| 95.6 94.0 95.2 96.4 97.7 94.0 95.2 96.4 97.7 94.0 95.2 96.4 97.7 94.0 95.2 96.4 97.7 94.0 95.2 96.4 97.7 94.0 95.2 96.4 94.0 95.2 96.4 94.0 95.2 96.4 94.0 95.2 96.4 93.9 94.0 94.0 95.2 94.0 94 .0 GE űΕ GE 96.2 97.1 96.4 96.4 96.4 97.7 97.7 30001 96.4 97.7 97.7 97.7 2503| 96.6 2000| 97.1 1803| 97.4 1500| 97.7 97.8 98.5 98.8 99.0 97.8 98.5 98.8 99.0 97.8 98.5 98.8 99.0 97.8 98.5 98.8 99.0 97.8 98.5 98.8 99.0 99.2 97.8 98.5 98.8 99.0 97.3 98.6 98.2 98.5 97.5 98.2 98.5 98.8 97.7 98.4 98.6 98.9 97.8 97.8 98.5 98.8 99.0 97.8 98.5 98.8 99.0 97.8 98.5 98.8 GE GE 97.8 97.4 96. S 98. 8 99. D 94 .5 94 .9 94 .2 98.8 GE 99.0 99. 2 99.2 99.2 GΕ 12001 97.8 98.6 98.9 99.2 99.2 99.2 99.3 99.3 99.3 99.5 99.5 99.3 99.3 99.5 99.5 99.5 99.3 99.3 99.5 99.5 99.3 99.5 99.5 99.5 99.3 99.3 99.5 99.5 99.0 99.0 99.2 99.2 99.2 99.3 99.3 99.3 99.5 99.5 99.5 99.3 99.3 99.5 99.3 99.3 99.3 99.3 99.3 99.3 GE GE 1601 98.0 9301 98.0 99.3 98.8 99.5 99.6 99.3 99.5 GE GE e001 98.1 99.5 99.2 700 98.1 600 98.1 98.9 99.3 99.5 99.5 99.5 99.5 99.6 99.2 99.5 99.5 99.9 99.9 99.5 99.5 99.9 99.9 5001 98.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.6 GE 98.9 99.3 99.5 99.2 99.5 GE 4001 98.1 3001 98.1 98.9 99.2 99.3 99.5 99.5 99.5 99.5 100.0 99.9 99.9 100.0 GE 98.1 98.9 99.2 99,5 2001 98.1 99.2 99.5 99.5 99.5 99.5 GE nl 98.1 98.9 99.2 99.3 99.5 99.5 99.5 99.5 ... ... 99.9 99.9 99.9 99.9 100.0

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PERCENTAGE FRECUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: NOV HOURS (LST): 0900-1100 VISIBILITY IN STATUTE HILES GE GΕ IN FEET GE GE GE GE GE GE GF 1 1/2 1 1/4 5 3 2 1/2 2 3/4 1/4 5/16 NO CEIL | 63.7 34.4 44.5 84.6 84.6 84.6 84.6 84.6 84.6 84 .6 CE 200001 65.7 GE 180001 85.7 86.7 86.7 87.2 88.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7 87.2 88.7 86.7 87.2 88.7 86.7 87.2 88.7 86.4 86.5 86.7 86.7 86.7 86.7 87.2 88.7 86.7 87.2 88.7 GE 160001 66.3 GE 140031 67.8 87.1 87.2 88.7 87.2 87.2 A7.2 87.2 87.2 87.2 88.4 88.7 88.7 88. 7 88.7 91.0 91.0 GE 10000 91.2 GE 9000 91.4 GE 8000 91.7 92.0 92.5 92.8 92.1 92.7 92.9 93.5 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 93.5 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 92.1 92.7 92.9 91.0 92.1 92.7 92.9 92.1 92.4 92.7 7c001 92.1 60001 93.2 93.2 93.3 93.5 93.5 93.5 93.5 93.5 93.5 94.6 94.6 94.6 94.6 94.6 50001 93.5 45001 94.1 40001 95.1 94.7 95.5 96.5 94.8 95.6 96.6 96.6 97.0 94.6 95.4 96.3 94.8 95.6 94.8 95.6 96.6 94.8 95.6 96.6 94.8 95.6 96.6 94.8 95.6 96.6 94.8 95.6 96.6 94.8 95.6 96.6 94 .8 95 .6 96 .6 GE 94.8 94.8 94.8 95.6 94.8 95.6 GE 95.6 95 · 6 96 · 6 96.6 96.6 97.0 96.6 96.6 96.6 97.0 35001 95.1 96.6 96.6 96.6 97.0 96.6 96.6 GE GE 97.0 30061 95.4 96.7 96.9 97.0 97.0 97.0 97.0 2500| 96.5 2000| 97.0 1800| 97.0 1500| 97.1 98.2 99.2 99.2 99.3 98.2 99.2 99.2 98.2 99.2 99.2 99.3 98.2 99.2 99.2 98.2 99.2 99.2 99.3 98.2 99.2 99.2 98.2 99.2 99.2 99.3 98 .2 99 .2 99 .2 96 • 2 99 • 3 97.8 98.0 98.2 98.2 98.2 98.2 98.6 98.6 98.8 98.5 99.2 99.2 99.2 99.3 99.2 99.2 99.3 99.2 99.2 99.3 ίE 98.5 99.3 99.2 98.6 99.3 ЬE 99.3 99.3 99.3 12001 97-3 99.5 98.8 99.5 98.9 99.6 99.6 99.6 99.6 99.6 99.6 10001 97.3 98.8 99.3 99.6 GE 9001 97.3 8001 97.3 98.8 98.9 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6 7001 97.3 99.6 98.9 99.6 99.6 99.6 LE 98.8 98.9 99.3 99.6 99.6 99.6 99.6 99.6 GE GE 98.9 98.9 98.9 99.6 99.6 99.6 99.6 5001 97.3 4001 97.3 98.8 98.8 99.3 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.3 100.0 1001 97.3 2001 97.3 98.8 99.6 99.6 99.9 100.0 100.0 100.0 100.0 100.0 98.9 100.0 99.6 1301 97.3 99.3 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PENCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM POURLY OBSERVATIONS

PERIOD OF RECORD: 53-62 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM MONTH: NOV HOURS (LST): 1200-1400 CE IL ING VISIBILITY IN STATUTE HILES GE GE 2 1 1/2 GE GE 6 6E 5 GE<sub>4</sub> GE GE 3 2 1/2 GE 1 1/4 GE GΕ GE GE 5/16 GE 1/4 G E O FEET 1 10 1 3/4 5 /8 1/2 NO CEIL | 63.5 85.1 85.4 85.4 85.1 85.2 GE 200001 86.7 84.7 88.7 88.7 88.8 GE 180001 86.9 GE 160001 87.0 98.5 88.7 88.5 88.5 68.5 88.7 88.7 88.9 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.9 88.9 89. 9 99.<sub>B</sub> GE 14C001 58.1 39.6 89.0 89.8 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90.0 GE 1200cl 89.3 91.0 91.0 91.0 91.0 91.1 91,3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 92.3 92.9 93.6 92.1 92.3 92.9 93.6 92.3 92.9 93.6 92.3 92.9 93.6 92.3 92.9 93.6 GE 160001 90.4 92.1 92.1 92.1 92.2 92.3 92.3 92.3 92.3 92.3 9002| 90.7 8000| 91.4 92.6 93.3 92.6 93.3 93.9 92.6 93.3 93.9 92.9 92.9 92.9 GE GE 92.6 92.8 93·3 93·9 93.6 93.6 93.4 6E 70001 91.9 93.9 94.0 94.9 94.1 94.1 94.1 94.1 94.1 94 .1 94.1 94.1 95.1 60001 92.9 95.1 95.1 95.1 5000| 93.9 4500| 94.3 4000| 95.1 3500| 95.2 95.9 96.3 97.1 97.3 95.9 96.3 97.1 95.9 96.3 97.1 97.3 96.3 96.7 97.5 97.7 96.3 96.7 97.5 97.7 96.3 96.7 97.5 97.7 SE GE 95.9 96.3 96. D 96. 4 96.2 96.6 96.2 96.6 96.2 96.6 96.3 96.7 96.3 96.7 96.3 96.7 96.3 96.7 ٥E 97.1 97.3 97.4 97.5 97.4 97.4 97.5 97.5 97.5 97.5 GE 97.3 97.5 97.7 30001 95.9 98.0 98.4 98.5 99.2 99.2 98.6 99.5 99.5 98.9 98.9 99.7 99.7 GE 25001 96.2 98.5 99.3 99.3 99.5 98.9 98.9 98.9 99.7 98.9 98.5 98.8 99.6 99.6 99.7 GΕ 2:00| 96.6 99.2 99.3 99.6 99.6 99.7 99.7 99.7 18001 96.6 99.6 99.7 99.7 99.7 99.7 ĿΕ 99.7 GE 15001 96.7 99.3 99.3 99.5 99.6 99.7 99.9 99.9 99.9 99.9 99.9 GE 12001 9607 99.3 99.3 99.5 99.5 99.6 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.5 99.5 99.5 99.5 99.5 99.5 GE 10001 96.7 99.3 99.3 99.6 99.6 99.6 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 99.9 9001 96.7 8001 96.7 99.3 99.3 ĞĒ 100.0 100.0 100.0 100-0 99.9 100.0 100.0 100.0 100.0 100.0 6E 100.0 100.0 100.0 7001 96.7 6001 96.7 99.3 99.5 99.5 99.6 100.0 100.0 100.0 100.0 υĒ 100.0 100.0 100.0 100-0 100.0 100.0 100-0 99,9 99,9 99,9 99.9 5001 96.7 99.3 100.0 100.0 100.0 GE 99.3 99.5 99.5 99.6 99.9 99.9 100.0 100.0 100.0 100.0 LE 99.3 99.5 99.5 99.6 100.0 100.0 100.0 100.0 99.9 ĞΕ 3001 96.7 99.3 99.3 99.5 99.5 99.6 100.0 100.0 100.0 100.0 100.0 100.0 200 i 2001 96.7 99.3 100.0 100.0 GF 99.3 99.5 99.5 99.4 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE C1 96.7 99.5 100.0 100.0 99.6 90.9 100.0 100.0 100.0 100.0 100.0

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING YERSUS VISIBILITY FROM HOURLY $0_{B} \leq_{R} varions$

PERIOD OF RECORD: 53-62
HONTH: NOV HOURS(LST): 1500-1700 STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM VISIBILITY IN STATUTE HILES CE IL ING GF GE 1 1/2 GE 5/16 GΕ GE GF GE GF 1 16 3 2 1/2 2 1 1/4 1 3/4 5/8 1/2 1/4 6 81.6 SE 200001 84.1 85.4 85.7 85.7 85.7 85.7 85.7 85.9 86.0 86.0 86.0 66 .0 86 .3 86.0 86.3 88.0 86.1 86.4 88.2 86.1 86.4 88.2 86.3 86.5 88.3 GE 16000| 64.3 85.7 86.3 86.0 86.3 86.0 86.3 86.Q 86.3 86.1 86.4 86.3 86.3 86.0 86.5 86.3 86.U 87.8 89.4 86.0 140001 66.4 85 .0 89 .7 88.0 68.G 88.0 88.2 88.3 WE 120001 88.0 89.7 89.8 90.0 90.0 89.7 89.7 89.7 89.8 90.0 90.0 91.2 91.9 92.2 91.2 91.9 92.2 91.3 92.0 92.3 10003| 89.6 9000| 90.2 8000| 93.5 91.2 91.2 91.9 91·3 92·0 92·3 91.5 92.2 92.4 92.7 91.5 92.2 92.4 92.7 LE 90.9 90.9 91.2 91.2 91.9 91.3 91.5 92.2 91.5 91.6 91.9 92.2 92.2 92.4 92.7 GE GE 92.0 91.9 92.2 92.4 93.7 91.9 92.2 92.4 92.2 92.2 92.4 93.7 70001 90.8 92.6 92.6 92·4 93·7 60001 92.0 96.0 96.6 97.4 96.0 96.6 97.4 96.2 96.7 97.5 GE GE 50001 93.7 45001 94.2 95.6 96.2 95.7 95.1 95.2 95.5 95.5 95.5 95.7 96.0 96.2 96.2 96 .2 96.6 96.7 96.3 95.6 96.3 96.8 96.8 97.4 98.1 96.0 96.8 97.4 98.1 96.7 96.7 97.5 96.0 95.7 40001 94.9 96.4 96.8 97.0 97.1 97.1 96.8 97.5 97.U 97.7 97.4 98.1 97.9 98.6 97.9 98.6 98.2 350C1 95.5 97.5 97.7 97.7 98.1 98.1 98.1 98.8 2550[ 96.4 2500] 96.4 1860[ 96.4 1500] 96.4 98.9 99.2 99.6 99.6 99.2 99.2 99.6 99.6 99.3 99.7 99.7 99.3 99.7 99.7 99.3 99.5 GF. 97.8 98.2 98.6 98.6 98.6 98.8 98.9 97.8 97.8 98.2 99.0 99.0 99.0 99.0 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.6 99.7 99.9 űΕ GE GE 99. G 99.6 97.8 99.7 99.9 99.7 GΕ 12001 96.4 99.0 99.0 99.3 99.9 97.8 98.2 99.7 GE GE 1001 96.4 9001 96.4 8001 96.4 99.3 99.3 99.3 99.5 99.6 99.6 99.7 99.7 99.6 99.6 99.6 99.7 99.7 99.7 99.7 99.9 99.9 99.7 99.7 99.9 99.7 99.9 97.8 98.2 99.0 99.0 99.0 99.2 99.0 99.0 99.3 99.5 99.5 99.7 97.8 99.2 99.9 GE GE 97.8 98.2 99.3 99.0 99.2 99.7 100.0 99.0 99.5 700 96.4 97.4 99.9 98.2 99.Ú GE 97.8 99.0 99.2 99.5 99.9 100.0 98.2 99.0 99.0 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GE 503| 96.4 400| 96.4 97.8 98.2 99.0 99. D 99.2 99.7 99.7 99.7 99.9 99.9 99.9 99.9 100.0 99.0 99.0 99.7 100.0 GE 98.2 99.0 99.7 99.7 6E 6E 300| 96.4 200| 96.4 100| 96.4 99.9 99.9 99.9 99.0 99.0 99.7 99.9 99.9 99.9 99.9 100.0 97.8 98.2 99.7 \$9.0 99.7 98.2 99.2 99.5 98.2 99.2 100.0 99.0 99.0 99. D 99.9 100.0 99.3 99.5 99.7 99.7 99.7 99.9 GE C1 96.4 97.8 98.2 99.0 99.0 99.2 99.5

TOTAL NUMBER OF OBSERVATIONS: 72

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5.7	A 7 I	ON I	NUMPER:	74734C	STATION	NAME:	WHITE	SANDS	MR NM				PERIOD	OF REC			62 1800-20	DO .
			• • • • • •	• • • • • • •	•••••	• • • • • •		• • • • • •					• • • • • •					
	ILI										IN STAT							
	in Ee t		GE   10	GE 6	GE 5	GE 4	GE ,	GE	GE	6E 1 1/2	GE	GE,	GE 3/4	GE	GE	6E	GE 1/4	6 E
					_			2 1/2				1		5 / 8	1/2	5/16		-
••	•••	• • •	•••••	• • • • • • • •	•••••	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • •
NO	ÇE	IL	84.6	94.7	64.9	84.9	84,9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
6.5	20	enn	e6.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
			86.4	86.5	-	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86 .7
			86.4	86.5		86 • 7	86.7	66.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
			88.6	88.7		88.9	68.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	68.9
			91.5	91.1		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
-												,					- 22-	
6E	10	000	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE			92.7	92.9		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	91.0	93.0
GE			92.7	93.G		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE			92.7	93.C		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93,2	93.2
Gr			93.0	94.1		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94 . 2	94.2	94.2	94.2	94.2
			•								. •	4.4	•					
LE	5	COC	95.3	96.D	96.1	96 . 1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
GE	4	500	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96 .6
GΕ	4		96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.8
GΕ	3	500	96.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
ĿΕ	3	OOC	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
			•										•		-			
GE	2	500	96.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	2	เรอา	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	1	ور وا	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
LE	1	500	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
ĿĘ	1	200	1 48.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
																_		
GE	1	1.00	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 .6
GE		960	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 .6
GΕ		800	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
űE		700	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	90.6	99.6	99.6	99 .6
GE		600	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99,6	99.6	99.6
GE		530	98.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		400	98.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE		300	98.2	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	166.0
υE			98.2	99.4		99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
GE		100	98.2	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[00.0	100.0	100.0
GE		r	98.2	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• •	•••	• • •	• • • • • •	• • • • • • •	•••••	••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••

### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 7473			-		PERIOD OF RECO	HOURS (LST);	2100-2300
CE IL ING	• • • • • • • • • • • • • • • • • • • •	•••••	**************************************	V IN STATUTE MIL	•••••••••••••	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
IN I GE GE	GE GE	GE GE	GE GE		GE GE	GE GE	SE GE
FEET   10		3 2 1/2		2 1 1/4 1	3/4 5/6	1/2 5/16	1/4 0
	• • • • • • • • • • • • • • • •						
NO CEIL   63.8 84.	2 84.5 84.7	84.8 84.8	84 .8 64.	8 84.8 84.8	84.8	84.8 84.8	84.8 84.8
GE 200001 86.0 86.	4 86.7 86.9	A7 0 07 C	87.0 87.	0 87.0 87.0	87.0 87.0	87.0 87.0	47.0 47.0
GE 200001 86.0 86.		87.0 87.0 47.0 87.0	87.0 87. 87.0 87.		87.0 87.0	87.0 67.0	67.0 87.0 67.0 87.0
GE 160001 86.1 86.		87.2 67.2	67.2 87.		87.2 87.2	87.2 87.2	87.2 87.2
GE 140001 87.5 87.		88.5 88.5	88.6 88.		88.6 88.6	11.6 11.6	48.6 48.6
GE 120001 92.7 91.		91.7 91.7	91.9 91.		91.9 91.9	91.9 91.9	91.9 91.9
			•	•			
GE 160001 91.4 91.		92.5 92.5	92.6 92.	6 92.6 92.6	92.6 92.6	92.6 92.6	92.6 92.6
GE 9:00  91.4 91.		92.5 92.5	92.6 92.		92.6 92.6	92.6 92.6	92.6 92.6
CE 80001 91.6 92.		92.6 52.6	92.8 92.		92.8 92.8	92.8 92.8	92.8 92.8
GE 7000 91.6 92.		92.6 92.6	92.8 92.		92.8 92.8	92.8 92.4	92.8 92.8
GE 600C  92.5 92.	9 93.2 93.4	93.5 93.5	93.7 93.	ā 93,8 9 <sub>3</sub> ,8	93.8 95.8	93.8 93.8	93.8 93.8
UE 50001 94.1 94.	5 94.6 95.0	95.1 95.1	95.3 95.	4 95.4 95.4	95.4 95.4	95.4 95.4	95.4 95.4
GE 45001 94.7 V5.		95.7 95.7	95.9 96		96.0 96.0	96.0 96.0	96.0 96.0
GE 4FG01 95.0 95.		96.0 96.0	96.2 96		96.3 96.3	96.3 96.3	96.3 96.3
LE 35001 95.1 95.	6 95.9 96.0	96.2 96.2	96.3 96	5 96.5 96.5	96.5 96.5	96.5 96.5	96.5 96.5
GE 3000  95.3 95.	7 96.0 96.2	96.3 96.3	96.5 96.	6 96.6 96.6	96.6 96.6	96.6 96.6	96.6 96.6
	- 04 7 -4 4		96.9 97.	1 97.1 97.1	97.1 97.1		
GE 25001 95.7 96. GE 20001 96.8 97.		96.8			97.1 97.1	97.1 97.1	97.1 97.1 98.7 98.7
GE 2003  96.8 97.		98.2 98.2 98.2 98.2	98.4 98.		98.7 94.7	98.7 98.7	98.7 96.7
GE 15001 97.2 97.		98.7 98.7	98.8 99.		99.1 99.1	99.1 99.1	99.1 99.1
BE 12001 97.2 97.		98.7 98.7	98.8 99		99.1 99.1	99.1 99.1	99.1 99.1
12001 1700 711				•			
GE 10001 97.2 97.	9 98.2 98.4	98.7 98.7	98.8 99.	0 99.0 99.1	99.1 99.3	99.3 99.3	99.3 99.3
GE 9501 97.2 97.		98.7 98.7	98.8 99		99.1 99.3	99.3 99.3	99.3 99.3
GE 800  97.2 97.		98.7 98.7	98.8 99		99.1 99.3	99.3 99.3	99.3 99.3
UE 700  97.2 97.		98.7 98.7	98.8 99		99.1 99.3	99.3 99.3	99.3 99.3
GE 600  97.2 97.	9 98.2 98.4	98.7 98.7	98.8 99.	0 99.0 99.1	99.1 99.3	99.3 99.3	99.3 99.3
GE 5831 97.2 97.	9 98.2 98.4	98.7 98.7	98.8 99.	C 99.0 99.1	99.1 99.3	99.3 99.3	99.3 99.3
UE 4001 97.2 97.		98.7 96.7	98.8 99.		99.1 99.3	99.3 99.3	99.3 99.3
GE 3021 97.2 97.		98.7 98.7	98.8 99.		99.4 99.6	99.9 99.9	99.9 99.9
GE 200 97.2 97.		98.7 98.7	98.8 99.		99.6 99.7	100.0 100.0	100.0 100.0
GE 1001 97.2 97.	9 98.2 98.4	98.7 98.7	98.8 99.	0 99.0 99.6	99.6 99.7	100.0 100.0	100.0 100.0
GE 01 97.2 97.				0 99.0 99.6	99.6 99.7	100.0 100.0	100.0 100.0
GE 01 97.2 97.		98.7 98.7	98.8 99,	•			100.0 100.0

### PENCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: NOV HOURS (LST) CE IL ING VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 GΕ IN I 1 3 2 1/2 5 5 / 8 10 6 3/4 1/2 5/16 ۵ NO CEIL | 83.6 34.3 44 . 6 84.6 84.6 84.6 84.6 84.6 84.6 84 .6 84.4 84.5 84.5 H4 - 6 87.0 87.0 87.0 87.0 87.0 LE 200001 E6.C 86.9 87.0 87.0 87.0 87.0 87.0 96.7 86.8 86.9 86.9 GE 180001 86.1 GE 160001 86.3 GE 140001 87.9 86.9 87.0 87.1 87.1 87.1 87.3 67.1 67.3 89.0 67.1 87.3 89.D 87.1 87.3 96.8 87.J 87.2 87.1 67.1 87.3 87.1 87.1 87.2 87.1 47.0 88.9 86.9 68.9 89.0 89.0 88.7 88.9 89.0 89.0 68.5 88.9 GE 120001 92.1 93.8 90.9 91.0 91.1 91.1 91.1 91.1 91.1 91.1 91.2 91.2 91.2 91.1 92.1 92.5 92.9 WE 100001 91.1 91.8 91.9 92.0 92.3 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.1 92.3 92.7 92.9 92.5 92.9 93.2 90001 01.4 80001 91.8 92.2 92.4 92.4 92.5 92.9 92.5 92.5 92.9 92.5 92.5 92.9 92.5 92.9 92.5 92.9 92.5 92.5 92.9 GE 70001 92.0 92.8 93.0 93.3 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.2 93.2 93.2 60001 93.1 93.9 94.0 94.1 94.2 94.3 94.5 94.2 94.2 95.5 95.5 50001 94.2 95.2 95.3 95.5 95.5 95.5 95.5 95.5 75.1 95.3 95.4 95.4 95.5 95.5 96.6 96.6 96.0 96.7 97.1 96.0 96.7 97.1 96.0 96.7 97.1 96.1 96.7 97.2 96.1 96.7 97.2 97.7 96.1 96.7 97.2 4500 94.7 4000 95.3 95.7 96.6 96 ·1 96 ·7 GE 95.6 95.8 95.8 95.9 95.9 96.5 96.5 96.5 97.0 96 .6 GΕ 35001 95.7 96.8 97.1 97.6 97.1 30001 96.2 97.2 97.4 97.5 97.7 97.7 6E 97.5 97.6 97.7 97.7 2500| 96.6 2000| 97.1 1803| 97.2 1500| 97.3 98.2 99.0 99.1 99.2 99.3 98.2 99.0 99.1 99.2 97.8 98.5 98.5 98.7 98.1 98.9 99.0 99.1 98.2 99.0 99.1 99.2 98.2 99.0 99.1 99.2 98 .2 99 .0 99 .1 99 .2 GE GE 97.6 98.3 97.9 98.7 98.0 98.0 94.1 98.1 98.2 98.2 98.8 98.9 99.0 98.9 98.9 99.0 99.1 99.2 99.0 99.1 99.2 99.1 96.9 98.9 99.0 98.4 98.8 99.0 99.1 GE ÚF LĖ 12001 97.4 98.8 99.0 99.1 99,2 99.2 99.3 99.3 99.3 99.4 99.4 99.4 99.4 99.5 10001 97.5 9001 97.5 8001 97.5 98.7 98.7 98.7 98.6 98.9 98.9 99.5 99.5 99.5 99.5 GE GE 99.2 99.2 99.2 99.3 99.3 99.4 99.5 99,5 99.4 99.4 99.5 99.6 99.1 99.2 99.3 99.3 99.3 99.4 99.3 99.4 99.4 99.4 99.5 99.5 99.6 99.6 99.6 6E 7001 97.6 6001 97.6 98.6 98.9 99.2 99.3 99.6 99.6 99.7 78.B G€ 98.9 99.5 99.6 99.7 99.7 99.7 99.7 5031 97.6 99.3 99.3 99.3 99.3 49.3 99.4 99.4 99.4 99.5 99.4 99.4 99.5 ĢΕ 98.8 98.9 99.2 4001 97.6 3001 97.6 98.8 98.9 99.2 99.5 99.5 99.5 99.5 99.7 99.7 99.7 99.7 100.0 99.9 6E 2501 97.6 1501 97.6 99.3 99.9 100.0 98+8 100.0 98.9 99.5 100.0 100.0 GF 01 97.6 98.8 98.9 99.2 99.3 99.4 99.5 99.5 99.8 ... 99.9 100.0 100.0 100.0 100.0

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: DEC HOL RD: 53-62 Hours(LST): 0000-02<sub>00</sub> STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM VISIBILITY IN STATUTE MILES CE IL ING IN I GE FEET I I GE GE GE GΕ GE GE GΕ GΕ GΕ GE GE GE GE 2 1 1/2 1 1/4 5 3 2 1/2 5/8 1/2 5/16 1/4 NO CEIL 1 79.2 a0.3 80.3 80.3 80.3 e D . 3 79.7 79.9 80.3 80.3 80.3 80.3 AO. 3 80.3 80.3 80.3 82.3 82.3 82.3 82.3 62.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 #2.3 #2.3 82.3 GE 200001 al.2 81.7 ø1.9 82.3 82.3 GE 160001 81.2 81.9 82.5 85.3 82.3 82.3 82.3 81.7 82.3 82.9 85.7 82.9 82.9 85.7 82.9 82.9 85.7 82.9 85.7 82.9 82.9 85.7 62.9 62.9 85.7 82.9 85.7 GE 16:001 81.7 82.9 85.7 92.9 6E 140001 64.6 85.7 SE 120001 66.7 87.3 87.9 87.9 87.9 89.4 90.4 90.9 89.4 90.4 90.9 100001 88.3 90001 88.9 80001 89.3 89.0 90.0 90.4 89.4 90.4 90.9 69.4 90.4 90.9 89.4 90.4 89.4 90.4 90.9 89.4 89.4 90.4 89.4 90.4 98.9 89.4 90.4 90.9 89.4 89.4 90.4 38.9 89.4 GΕ 90.2 90.9 90.9 90.9 90.9 90.9 jE نE 70001 90.0 90.9 92.0 91.2 91.0 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6 60001 91.2 92.7 92.7 92.7 92.7 92.7 92.7 92.7 94.0 94.4 96.0 94.0 94.4 96.0 GE 50001 92.2 93.2 93.4 95.0 93.4 93.9 95.4 93.9 94.3 95.9 94.3 94.0 94.0 94.0 94.4 96.0 94.0 94.4 96.0 94.0 94.0 94.0 94.0 94.0 94.4 4500| 52.4 4600| 93.9 94.4 94.4 94.4 94.4 94.4 94.4 94.4 UE CE 94.3 96.6 97.0 ĿΕ 35001 96.6 97.0 30001 94-7 97.0 GE 96.3 96.9 97.0 97.0 97.0 97.0 97.0 97.0 96.6 97.1 97.6 97.7 GE 25001 95.4 97.1 97.7 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 98.4 98.9 99.0 98.4 98.9 98.4 98.4 98.4 98.9 99.0 98.4 98.9 99.0 98.4 98.9 99.0 98.4 98.4 98.4 98.9 2000 96.0 1600 96.3 98.3 98.4 98.9 GΕ 98.4 GΕ 98.1 98.7 99.0 99.0 99.D 99.0 98.3 98.9 99.0 99.0 99.C 99.0 GE 1:001 96.4 99.3 99.3 GE 12301 96.4 98 - 9 99.4 99.4 99.4 99.4 99.4 99.4 99.4 úΕ 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 9031 96.6 97.9 98.4 99.U 99.4 99.4 99.4 99.4 99.4 99.4 UE UE GΕ 7001 96.6 97.9 98.4 99.0 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.6 99.6 GE 6UD1 96.6 97.9 99.ú 99.4 99.4 99.4 99.4 99.6 99.6 99.6 5001 96.6 98.4 99.4 99.6 99.7 99.7 99.9 99.6 99.6 6F 97.9 99.0 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.7 99.6 99.6 99.7 99.6 99.6 99.7 4051 96.6 97.9 98.4 99.1 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.6 GE 3001 96.6 97.9 99.1 99.6 99.9 GĒ 99.9 99.9 99.9

100.0

100.0

99.9

99.9

99.9

99.9

49.9

TOTAL NUMBER OF OBSERVATIONS : 701

97.9

98.4

99.1

1331 96.6

01 96.6

ĿΕ

ı.F

99.7

99.7

99.7

99.7

99.7

99.7

99.7

99.9

99.9

9.99

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

1

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PEPIOD OF RECORD: 53-62 STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM MONTH: DEC HOURS (LST1; 0300-0500 CEILING VISIBILITY IN STATUTE MILES GE 6 GE 5 GE 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE GĘ GF GE GE GE FEET i ĭc 1 3/4 5/8 0 1/4 1/2 5/16 NO CEIL | 79.7 80.5 80.6 8D.8 80.8 81.0 81.C 81.0 81.1 81.1 80.8 GE 200001 80.7 81.6 82.3 82.1 61.8 82.0 82.0 82.1 82.1 82.1 81.6 82.1 82.2 83.1 84.7 82.2 83.1 84.7 GE 180001 83.8 GE 160001 81.7 81.7 82.G 82.g 821C 82.8 82.8 82. B 82.1 83.0 82.1 83.0 83.0 82.2 83.1 82.2 62.2 83.1 82.2 83.1 82.2 83.1 140001 63.2 84.5 84.5 84.5 84.7 84.7 84.7 GE 120001 85.1 85.9 86.2 86.2 86.2 66.2 86.4 86.4 86.4 86.5 86.5 86.5 86.5 86.5 GE 10000| 87.8 GE 9700| 88.1 GE 8030| 89.5 89.3 89.6 90.2 88.B 89.1 89.1 89.1 89. 1 89.2 39.2 69.2 69.3 89.3 89.3 A9.3 A9.3 89.3 89.3 89.8 90.3 89.5 89.5 89.6 90.2 89.6 89.6 90.2 89.1 89.3 89.3 89.5 89.6 89.6 89 .6 90 .2 89.3 89.8 90.3 90.6 89.8 90.3 90.8 90.8 90.8 70001 69.1 93.1 90.3 90.5 90.5 90.5 90.8 90.8 90.8 96.8 60001 89.2 90.3 90.6 90.8 90.8 91.1 91.9 92.0 94.0 95.7 LE GE 50001 89.9 45001 90.1 91.3 91.6 91.6 91.8 91.8 91.9 92.0 91.9 92.0 92.2 92.3 92.2 92.3 92.2 92.3 92.3 92.5 92.3 92.5 92.3 92.3 91.8 93.6 95.3 91.8 93.6 91.9 93.9 91.9 92.5 92,5 94.5 96.2 4000 91.8 3500 93.3 93.3 94.8 94.0 94.3 94.3 94.3 94.5 94.5 94.5 GE 93.9 GE GE 95.3 95.6 95.6 30001 93.6 96.4 96.2 96.7 96.7 96.7 97.3 97.3 96.7 97.3 96.9 97.2 97.2 97.2 97.7 97.3 97.9 97.3 97.3 97.9 97.3 97.9 96.4 96.4 96.9 G€ 20001 95.0 97.4 97.4 97.0 97.3 97.4 97.4 97.7 97.7 97.7 97.9 97.9 97.9 97.9 18001 95.0 97.0 97.7 GΕ 97.7 űE 15001 95.3 97.0 97.3 97.3 97.7 98.0 98.0 98.2 98.2 98.2 98 .2 98.4 GE 98.3 98.4 12001 95.5 97.3 97.6 97.6 98 .0 98.0 98.0 98.3 98.4 98.4 97.4 97.7 97.7 97.7 98.ú 98.G 98.2 98.4 98.6 98.3 98.6 98.7 98.9 98.4 98.7 98.9 98.4 98.7 98.9 98.7 99.1 99.3 98.9 99.3 99.6 98.9 99.3 99.6 1001 95.5 9001 95.7 97.7 98.7 99.1 98.9 99.3 94 .0 6E 98.7 98.0 99.0 99.3 űĒ 99.6 8001 95.7 98.6 98.7 99.3 ÚE LE 7001 95.9 98.7 99.0 99.0 99.7 99.7 97.9 98.2 98.2 98.7 98.9 99.7 5001 95.9 4001 95.9 3001 95.9 97.9 97.9 97.9 99.4 99.4 99.4 99.7 99.9 99.9 99.0 99.0 99.0 99.0 99.3 99.3 99.7 99.7 99.9 ٥E 98.2 96.2 98.7 98.7 98.9 99.4 99.7 99.9 98.7 98.7 99.4 6E 98.2 98.2 98.7 99.7 98.9 98.2 98.2 98.9 99.D 99.3 99.9 99.9 99.3 6E 2031 95.9 1031 95.9 98.2 98.2 98.7 98.7 98.9 99.0 99.0 99.4 99.4 100.0 100.0 100.0 98.2 100.0 98.7 oB • 7 100-0 98.9 99.0 100.0

PLACENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 MONTH: DEC HOURS (LST): 0600-0800 VISIBILITY IN STATUTE MILES
GE GE GE
2 1 1/2 1 1/4 1 CE IL ING 1 GE GΕ GE GE GE GΕ GE GE ΙN G€ 1/2 GΕ GE FEET | 10 3 2 1/2 3/4 5/8 5/16 1/4 NO CEIL | 75.2 79.0 79.1 79.4 79.0 79.1 79.4 79.0 79.1 79.4 79.0 79.1 79.4 79.0 79.1 79.4 79.0 79.1 79.4 79.1 79.3 79.6 GE 200001 77.9 78.6 79.0 79.1 79.U 79.1 79.0 79.1 79.0 79.0 79.0 79.1 GE 18000; 78.0 GE 16000; 78.3 79.1 79.4 79.1 79.4 76.7 79.1 79.4 79.3 79 .6 81 .5 79.6 79.4 79.4 79.4 81.4 81.4 140001 60.3 a0.9 81.4 61.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.5 120001 82.9 64.0 64.0 84.0 84.0 84.0 84.0 84.0 84.1 84.1 86.8 88.3 86.2 86.9 88.5 GE 100001 e5.0 65.7 86.1 86.1 86.8 88.3 86.1 86.8 88.3 86.8 88.3 86.8 88.3 86.8 86.8 86.1 86.8 88.3 86.2 86.9 88.5 86.1 86.8 66.8 90001 85.7 80001 87.2 86.4 87.9 86.8 86.8 86.8 ÜĒ 88.6 88.6 90.1 90.1 88.6 88.6 90.1 GE 60501 89.0 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.3 90.3 91.2 91.5 93.0 91.9 92.2 94.3 50001 50.4 45001 90.5 91.7 91.9 91.7 91.9 91.9 91.9 92.2 92.1 92.4 4E 91.7 91.7 91.7 91.7 91.7 91.9 92.1 91.9 93.7 92.2 94.3 95.5 91.9 91.9 91.9 92.4 94.4 95.7 91.9 93.9 40001 92.1 35001 93.2 94.0 94 • D 95 • 3 94.3 94.4 GE 94. B 94.0 94.0 94.3 94.3 95.3 95.7 95.0 95.5 95.5 94.2 95.1 95.3 95.3 95.5 95.5 30001 93.6 96.0 95.1 95.4 96.1 96.2 96.9 ĿΕ 25001 94.2 96.1 96.2 96.2 96.2 96.2 96.2 96.5 96.5 96.5 96.5 96.5 96.7 20001 94.4 18001 95.1 96.5 97.2 97.8 96.5 97.2 97.8 96.4 97.1 96.5 97.2 96 • 5 97 • 2 96.5 97.2 96.8 97.5 96.8 96.8 97.5 96.8 97.5 96.8 97.5 96.9 96.9 97.6 GE 97.8 ĿΕ 15001 95.3 96.7 97.5 97.6 97.8 97.8 98.1 98.7 98.1 98.1 98.7 98.1 98.1 98.2 98.2 12001 95.5 98.5 98.7 98.7 98.9 98.9 10001 95.5 98.5 98.5 98.5 99.0 99.0 97.1 97.9 98.1 98.6 98.6 98.6 98.9 98.9 98.9 98.9 98.9 98.5 98.6 98.6 GE 9001 95.5 97.1 97.1 97.9 98.1 98.5 98.6 98.6 98.9 98.9 98.9 99.0 98.9 98.9 99.0 99.0 GE GE 98.6 99.0 99.0 98.9 99.0 99.4 99.4 GE 60g| 96.D 97.5 98.3 98.5 98.9 98.9 99.0 99.0 99.0 99.4 99.4 99.6 99.7 5GC| 96.1 4GG| 96.1 97.6 97.6 99.2 99.6 99.6 99.7 99.6 99.6 99.7 99.7 GΕ 98.5 98.6 99.0 99.0 99.2 99.2 99.6 99.9 99.2 99.2 6E 98.5 98.6 99.0 99.0 99.2 99.7 100.0 3001 96.1 2001 96.1 1001 96.1 99.0 99.0 99.2 99.7 99.7 99.7 99.7 99.9 ĿΕ 97.6 48.5 96.6 99.7 100.0 97.6 98.5 98.6 100.0 ٤E 99.2 99.2 99.7 98.6 100.0

99.2

99.2

99.7

99.7

99.7

99.9

100.0

TOTAL NUMBER OF OBSERVATIONS: 71

BI 96.1

98.6

99.0

99.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: 53-62
HONTH: DEC HOURS(LS STATION NUMBER: 747342 STATION NAME: WHITE SANDS MR NM HOURS(LST) - 0900-1100 CE IL ING VISIBILITY IN STATUTE MILES E GE GE 2 1 1/2 1 1/4 GE GE GE GE GE GE GE FEET I 3 2 1/2 10 5 1 3/4 5/16 1/4 Ω 1/2 NO CEIL | 72.3 73.5 73.5 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 GE 2000C1 76.3 77.5 77.5 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 77.6 GE 180001 76.4 GE 160001 77.3 GE 140001 78.8 77.6 78.6 80.0 77.7 78.7 77.7 77.7 78.7 77.7 77.6 77.7 77.7 77.7 7.7 77.7 78.7 77.7 78.7 77•7 78•7 77.7 78.7 77.7 76.7 40.2 80.2 60.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 89.2 60.2 80.2 120001 63.2 84.5 84.5 87.3 88.3 90.2 UE 100001 65.9 87.1 87.1 87.3 87.3 A7.3 A7.3 87.3 ×7.3 A7.3 A7.3 87.3 87.3 87.1 87.3 GE GE 95001 87.0 80001 88.9 €8•2 9ۥ1 88.3 90.2 88.3 90.2 88.3 90.2 88.3 90.2 88.2 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 90.1 90.2 90.2 93.2 90.2 90.2 90.2 90.2 90.6 υE 70001 89.3 90.5 90.6 90.6 90.6 92.1 90.6 92.1 90.6 92.1 90.6 90.6 90.6 90.6 92.1 90.6 90.6 90.6 ÇE 92.0 92.1 5000| 91.4 4500| 91.6 4500| 92.8 92.9 93.3 93.0 93.6 GΕ 92.8 92.8 92.9 92.9 92.9 92.9 92.9 93.0 93.0 93.0 93.0 93.0 93.0 93.2 94.4 95.7 95.7 93.2 94.4 95.7 95.7 93.3 94.5 95.8 GE 93.3 93.3 93.3 93.3 93.6 93.6 93.6 93.6 93.6 93.6 GE 94.8 94.8 94.5 95.8 94.5 95.8 95.8 94.5 95.8 94.5 94.5 GE 35001 94.1 30001 94.1 96.1 96.1 96.1 96.1 96.1 96.1 95.8 95.8 95.8 96.1 96.1 96.1 96 . 1 97.2 97.7 2500| 94.8 2000| 95.2 1800| 95.4 1500| 95.4 97.2 97.7 97.2 97.7 97.2 97.7 97.2 97.2 GE 96.4 96.9 97.3 97.9 96.5 96.8 96.9 96.9 96.9 96.9 96.9 97.2 97.7 97.5 97.9 98.8 97.1 97.5 97 • 3 97 • 7 97.5 97.5 97.5 97.7 97.7 98.1 97.9 98.8 98.1 97.9 98.8 97.9 98.8 98.1 99.1 98.1 98.1 98.1 98.1 ω£ 97.9 98.5 12001 95.6 98.0 98.3 98.9 98.9 98.9 98.9 98.9 99.2 99.2 99.2 99.2 99.2 99.2 1000| 95.6 900| 95.7 800| 96.0 99.3 99.5 99.7 99.3 99.5 99.7 99.3 99.5 99.7 99.3 99.5 99.7 98.C 98.1 98.3 98.4 98.5 98.9 99.1 99.1 99.2 99.3 99.5 99.3 99.5 98.9 99.1 99.3 99.1 99.3 99.3 99.2 99.5 GE 98.7 99.1 99.3 98.9 99.5 99.5 99.7 υE UE 98.4 98.7 99.3 99.7 99.7 99.7 7001 96.0 6001 96.0 98.4 98.7 99.3 99.3 99.7 99.7 99.7 99.7 GE 99.7 99.9 99.3 99.3 99.3 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.9 99.9 99.7 99.9 99.9 99.7 GE 5001 98.4 98.7 98.9 99.3 99.5 99.7 99.3 99.7 99.3 99.3 99.9 GE 4001 96.0 3001 96.0 98.4 98.7 98.9 98.9 99.3 99.5 99.7 99.9 99.3 99.3 99.5 99.5 99.7 99.7 100.0 100.0 100.0 CE 2001 96.0 98.4 98.7 98.9 98.9 99.3 100.0 GΕ 99.3 99.3 100.0 6E 01 96.0 98.4 98.7 98.9 99.3 99.3 99.3 99.5 99.5 99.7 99.7 99.7 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

1

STA	TION P	ON NUMBER: 747345 STATION NAME: WHITE SANDS MR NM								PERIOD OF RECORD: 53-62 MONTH: DEC HOURS(LST): 1200-1400							
CEILING VISIBILITY IN STATUTE MILES																	
1	N I	l GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	G€	GE	GΕ	GE	GE	GE
FE	ET	10	٤	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•••	• • • • •	•••••	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	•• ••• • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CE1L	74.9	76.4	76.4	76.4	76.4	76.4	76 • 4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	200001		81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	61.1
	180001		31.2	61.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
		86.c.	81.5	81.5	81.5	61.5	81.5	61.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	14060		82.9	82.9	82,9	62.9	g2•9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
G€	120001	63.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	95.4	85.4	<b>E5.4</b>	85.4	85.4	85.4	85.4
GE	10000	65.6	87.5	87.0	87 • L	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
UE		96.1	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE	85691	67.2	98.7	88.7	88.7	#8 · 7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	66.8	68.8	86.8
GΕ	7000	87.3	68.8	68.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
ĿΕ	6000	89.1	90.6	90.6	96.6	90.6	90.6	90.7	90.7	90.7	90 • 7	90.7	90.7	90.7	90.7	90.7	90.7
űE	5000	90.4	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.D	92.0	92.0	92.0
GΕ	4530	91.6	93.1	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	4006	93.1	94.7	94.7	94 9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	35 ธ ฮ โ	94.5	96.1	96.2	96.4	96.6	96.6	96.8	96.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 .8
űE	3000	95.5	97.2	97.4	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	96 .0
LE	25001	96.1	97.7	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98 .8
LE	2000	96.2	98.0	98.4	96.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		96.2	98.0	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GΕ	1500	96.2	98.0	98.4	96.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
CE	1200	96.2	98.3	98.4	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99 •3
GE	10601	96.2	98.0	98.4	98 • 7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE		96.2	98.0	98.4	96.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	800	96.4	98.1	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	700	96.4	98.1	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ĿΕ	6 38	96.4	98.1	98.5	98 • 8	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
Ŀξ	5001	96.8	98.5	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	450	56.8	98.5	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
LE	300	96.8	98.5	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
6E	200	96.8	98.5	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	100	96.8	98.5	98.9	99 • 2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE	e l	96.8	98.5	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

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# PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: 53-62 HONTH: DEC HOURS(LST											15 <sub>00</sub> -17	00			
•••••••••••••••••••••••••••••••••••••••															
CEILING									JTE MILI GE				c-		
IN   GE FEET   1		GE 5	GE.	GE .	GE	GE	GE 1 1/2	GŁ	6E 1	GE 3/4	GE	GE	GE	GΕ	6 E D
		_	4		2 1/2		-	_	_		5/8	1/2	5/16	1/4	
······································															• • • • • • • • • • • • • • • • • • • •
NO CEIL   72.	5 74.5	74.6	74.6	75.1	75.1	75 • 1	75.1	75.1	75 . 1	75.1	75.1	75.1	75.1	75.1	75 •1
JE 200001 77.	G 79.G	79.3	79.7	80.3	80.3	80.3	80.3	80.3	8G.3	80.3	80.3	80.3	80.3	80.3	80.3
GE Legoci 77.		79.4	79.9	80.4	8C. 4	80.4	80.4	80.4	80.4	83.4	80.4	80.4	80.4	80.4	80 .4
GE 160001 77.	2 79.3	79.6	80.u	80.6	60.6	80.6	83.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 145001 83.	1 82.3	82.5	83.0	63.5	83.5	83.5	83.5	63.5	83.5	83.5	83.5	83.5	<b>03.5</b>	83.5	B 3 • 5
GE 12000  82.	7 84.8	85.1	85.5	86.1	86.1	86.1	86.1	46.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
LE 100001 85.	2 87.3	87.6	88.0	68.6	88.6	88.6	88.6	89.6	88.6	88.6	88.6	88.6	88.6	88.6	88 -6
GF 900J 66.	2 88.3	48.6	89.3	89.6	59.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89 .6
CE 8'00  67.	7 89.9	90.1	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 70001 89.		90.6	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
rE ecoo! 84.	3 91.4	91.7	95.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 50001 90.	6 92.7	93.0	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.0	93.9
UE 45301 91.		94.2	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 40001 92.		95.1	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 35031 43.		96.2	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 30001 94.	96.8	97.0	97.5	98.6	98. D	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 25001 94	5 96.8	97.3	97.7	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 20001 94.		97.3	97.9	98.5	98.5	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 18431 94.		97.5	98.3	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 150C1 94.		97.5	98.0	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.G	99.2	99.2	99.2	99 .2
GE 12001 94.		97.5	98.J	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 1001 54.	9 47.2	97.7	98.5	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
UE 9001 94.	9 97.2	97.7	98.5	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
LE 80C1 94.	9 97.2	97.7	98.5	99.2	99.Ž	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700  94.	9 97.2	97.7	96.5	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	90.7	99.7	99.7	99 •7
GE EDDI 95.	1 57.3	97.9	98.6	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99,9	99.9	99.9
uE 5001 95.	2 97.5	98.3	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.3	100.0	100.0	100.0
GE 4001 95.		98.6	96.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
CE 3001 95.	2 97.5	98.0	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
UE 2001 95.	2 97.5	98.0	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1001 95.	2 97.5	98.0	98 . 7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 91 95.	2 97.5	98.0	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
••••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	••••••	•••••	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	•••••	••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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373.

STATION NUMBER: 747348 STATION NAME: CEILING

PERIOD OF RECORD: 53-55.57-62

MONTH: DEC HOURS(LSTI: 1800-2000 VISIBILITY IN STATUTE HILES GE GE 2 1 1/2 1 76 1 86 GE GE G€ 1 1/4 3 2 1/2 FEET ۵ 5 4 3/4 5/8 1/2 5/16 1/4 NO CEIL | 76.3 77.9 77.9 78.0 78.6 78.0 78.C 78.0 78.0 78.0 GE 200001 79.0 80.9 80.9 80.9 80.9 80.9 80.9 80.8 8C.8 80.8 80.8 80.9 80.9 80.9 80.8 80.9 80.9 CE 180001 79.0 GE 160001 79.2 GE 140001 82.4 80.9 81.1 84.3 50.6 60.8 80.8 80.9 80.9 80.9 80.9 80.9 80.9 83.8 90.9 84.1 80.9 80.9 80.9 80.9 84.1 81.1 81.1 81.1 84.3 81.1 84.3 81.1 81.1 81.1 81.1 84.3 81.1 GE 12:001 85.4 87.2 87.2 87.2 87.2 87, 2 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 10000| 87.7 9000| 69.6 8960| 90.1 7000| 90.7 GE GE 89.4 91.7 92.1 92.8 89.4 91.7 92.1 89.4 91.7 92.1 89.6 91.8 92.3 89.6 91.8 92.3 89.6 91.8 92.3 89.6 91.8 92.3 93.1 89.6 91.8 92.3 93.1 89.6 91.8 92.3 93.1 89.4 85.4 91.7 89.6 89.6 89.6 91.8 92.3 93.1 89.6 91.8 92.3 92.1 92.1 92.3 92.3 GE 92.9 92.9 92.9 94.1 93.1 93.1 93.1 93.1 93.1 60001 94.2 94.2 95.0 96.6 97.1 50001 92.6 45001 94.2 40001 94.7 95.0 95.0 GE 96.3 96.8 96.8 96.8 97.8 96.5 97.0 96.5 96.5 96.6 97.1 96.6 97.1 96.6 97.1 96.6 97.1 96.6 97.1 96.6 97.1 96.6 97.1 96.6 97.1 96 .6 97.6 35001 95.4 30001 95.7 98.2 98.2 98.7 98.2 98.7 GΕ 97.6 98 . 1 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.2 98.7 GΕ 98.6 98.6 98.7 98.7 98 - 7 GE 98.2 98.6 98.6 98.9 98.9 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 25 not 96.0 98.6 98.9 90.2 2000| 96.3 1800| 96.3 98.9 99.2 99.2 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GΕ 99.2 15001 96.3 99.5 99.5 GΕ 12001 96.3 98.6 98.9 99.2 99.2 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99 .8 GE 10001 96.3 98.6 98.9 99.2 99.2 99.2 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.2 99.2 99.2 99.7 99.7 99.7 99.8 99.8 98.9 99.2 99.2 99.2 99.2 99.7 99.7 99.7 99.8 99.8 99.8 99.8 GE 9001 96.3 98.6 98.6 99.7 99.7 GΕ 99.2 99.8 99.2 99.8 99.8 98.9 99.8 7001 96.3 99.8 θE 98.6 6301 96.3 99.8 99.8 GE 98.9 38.6 99.2 99.2 99.2 5001 96.3 4001 96.3 98.9 98.9 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 100.0 99.2 99.2 100.0 98.6 99.7 99.7 99.2 99.2 99.2 99.2 99.7 99.8 GE 98.6 100.0 100.0 3001 96.3 98.9 99.8 99.8 100.0 98.6 99.8 99.8 100.0 GE 200 96.3 98.9 99.2 99.2 99.2 99.7 99.7 99.7 99.8 99.8 100.0 100.0 99.8 99.8 100.0 100.0 GE 98.9 99.2 99.2 99.7 99.7 99.8 98.6 99.2 99.8 99.8 100.0 100.0 GE 98.9 99.2 99.2 99.7 99.8 99.8 01 96.3 98.6 99.2 99.7 99.7 99.8 99.8

101AL NUMBER OF OBSERVATIONS:

624

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: UNITE SANDS MR NM PEPIOD OF RECORD: 53-55.57-62 MONTH: DEC HOURS (LST): 2100-23CD VISIBILITY IN STATUTE MILES CE IL ING GE. £.F GE GE GE 2 1 1/2 1 1/4 GF 65 GΕ G.E FEET 1 10 3 2 1/2 3/4 ۵ 5/8 5/16 1/2 NO CETL | 76.0 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3 GE 200001 79.8 81.1 81.1 81.1 GE 180001 79.8 GE 160001 63.3 81.5 81.1 81.5 81.5 81.1 81.1 81.1 81.1 81.1 81.5 81.1 81.1 81.1 81.1 81.1 81.5 86.0 81.1 86.0 66.9 GE 140301 84.7 86.0 86.3 86.D 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 88.9 UE 120001 87.6 88.9 68.9 88.9 GE 100001 89.5 90.8 90.8 90.6 90.8 90.8 90.8 90.8 90.8 90.6 90.6 90.8 90.6 96.6 90.8 96.8 91.6 91.9 92.4 91.6 91.9 92.4 91.6 91.6 91.6 91.6 91.6 91.6 97001 90.3 80001 90.6 91.6 91.6 91.6 91.6 91.6 91.6 91.9 GE GE 91.6 92.4 92.4 92.4 92.4 92.4 70001 91.1 92.4 GΕ 93.6 60001 92.5 93.4 93.8 93.8 93.8 93.8 93.8 93.8 93.0 93.8 93.8 93.4 94.6 95.9 97.0 97.9 94.6 95.9 97.0 94.6 95.9 97.0 97.9 94.6 95.9 97.0 97.9 94.6 95.9 97.0 97.9 94.6 95.9 94.6 95.9 94.6 95.9 94.6 95.9 94.6 GF 50001 93.3 94.6 94.6 94.6 94.6 94 .6 95,9 95.9 97.0 97.9 95.9 45001 94.4 40001 95.5 95.9 97.0 95.9 GΕ 97.0 97.9 97.9 97.0 97.0 97.0 97.0 97.0 97.9 97.9 97.9 97.9 97.9 35001 56.5 3000 | 97.0 98.4 98.4 98.4 2500| 97.6 2000| 97.8 1800| 97.9 1500| 97.9 99.0 99.2 99.4 99.0 99.2 99.0 99.2 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 6E 99.0 99.2 99.2 99.4 99.5 99.2 99.2 G€ 99.4 99.5 99.7 99.4 99.4 99.4 99.4 99.5 99.7 99.4 99.4 99.4 99.5 99.4 99.4 99.4 GΕ űΕ 99.4 99.5 99.5 99.5 99.7 99.5 99.5 99.8 GE 12001 98.1 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.5 99.7 99.7 99.7 99.8 99.8 99.8 99.4 99.8 99.4 10001 98.1 9001 98.1 8001 99.1 99.5 99.5 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 GE GE 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 7001 99.1 6001 98.1 99.7 99.7 99.8 99.8 99.8 6E 99.1 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99 .4 99 .4 99 .4 GE 99.5 99.7 99.7 4001 98.1 3001 98.1 99.5 GE GE 99.7 99.8 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.8 GE GE 2001 98.1 1001 98.1 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 100.0 100.0 100.0 99.7 99.7 99.7 99.7 99.8 100.0 GΕ 01 98.1 99.7 99.7

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TOTAL NUMBER OF OBSERVATIONS: 621

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

#1L				'														
STATIO	N NL	MBER:	747340	STATE	ON NAME:	WHIT	E SANDS	MR NM				PERIOD	OF REC	ORD: 53	-62			
-			-									HONTH	: DEC	HOURS	(LST)	ALL		
			• • • • • • •									• • • • • • •					•	
CEILIN	6		••••					V I S I	BILITY	IN STATE	JTE MILI	ES					••••	
I fe	ı	GŁ	GE	GΕ	GE	GE	GE	GE	GΕ	G€	GE	6E			GE	GE	GE	
FEET	ı	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	o	
•••••			• • • • • • •	••••	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	••••	• • • •
NO CEI	F 1	75.9	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	
	001	30.0							0 - 5							n - •		
6€ 200 6€ 186			80.1 80.2	80.3 80.4	86.4	60.5	80.5	80.5 80.6	8g.5 8D.6	80.5 80.6	80.5 80.6	80.5 80.6	80.5	80.5 80.6	80.5	80.5	8G.5	
OE 160					8p.5	80.5		81.1	81.1	81.1		81.1	80.6		60.6	80.6	80.6	
6E 140			e8.7	80.8	80.9	61.0	81.D				81.1		81.1	81.1	81.1	81.1	81.1	
GE 120			83.1	83.2	83.4	83.4	£3.4	83.5	83.5	83.5	83.5	83.5	03.5	83.5	83.5	83.5	83.5	
UE 120	001	04.0	85.9	86.5	86 - 1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 100	001	66.8	88.0	88.2	68.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
		67.6	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
		68.6	96.C	93.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	96.4	90.4	
		89.1	93.4	90.6	90.7	90.8	9G. s	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
		95.3	91.6	91.6	91.9	92.0	92. C	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
0£ 63	001	7503	,1.0	71.0	71.7	72.0	72.0	72.11	25.1	72.1	44.1	72.1	72.1	72.1	72.1	7241	76 41	
GE SG	001	91.3	92.7	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
		92.C	93.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	
		93.3	94.8	95.3	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	
		94.3	95.9	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96 .8	
		94.8	96.4	96.7	96.9	97.1	97.1	97.2	97. 2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	
	•		,	,		• • • •						- ,	,					
GE 25	001	95.3	96.9	97.3	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	96.1	98.1	
GE 20	001	95.6	97.3	97.7	98 . C	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	96.5	
		95.8	97.5	97.9	98.2	98.4	98	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
LE 15	100	95.9	97.7	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
	001	96.0	97.8	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.2	99 2	99.2	99.2	99.2	99.2	99.2	
	•											•						
GE 10	100	96.1	97.9	98.3	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	
GE 9	100	96.1	98.0	98.4	98.7	99.0	99. C	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	
GE 8	001	96.2	98.0	98.5	98.7	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99 .6	
GE 7	100	96.2	98.1	98.5	98.8	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	
LE 6	100	56.2	98.1	98.5	98.5	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
		96.3	98.2	98.6	98.9	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
		96.3	98.2	98.6	98.9	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	
		96.3	96.2	98.6	98.9	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	
		96.3	98.2	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	
GE 1	001	96.3	98.2	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	190 •0	
GF	n į	96.3	98.2	98.6	99 . C	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF ORSERVATIONS: 5573

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\sigma_{\theta,S}_{\epsilon}$ rvations

STA	TION	NUME	HER:	74734C	STATI	ON NAME:	WHIT	E SANDS	HR NM		•			OF REC	ORD: 53	-62 (LST):	ALL	
		• • • •	• • • •	•••••	•••••	•••••	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •					• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	LL ING	1 0	GŁ.	38	GE	GE	GE	GE	GE A 121	GE	IN STAT	GE GE WIL	ES GE		GΕ	GE	GE	GE
	E T	i `		ů.	5	Ü. 4		2 1/2		1 1/2		3.	3/4	5/8	1/2	5/16	1/4	0.0
_		•										-						
															•	••••		• • • • • • • • • • • • • • • • • • • •
NO	CEIL	1 76	8 . 6	77.6	78.3	78.2	78.3	78 - 4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78 -5
	20000			81.4	81.6	81.8	82.3	62.D	82.1	82.1		82.1	82.1	82.1	82.2	82.2	82.2	82.2
	18000			81.6	81.8	82 • J	82.1	82.1	82.2	82.3		82.3	82.3	82.3	82.3	82.3	82.3	82.4
	14000			82.D	82.2	e2.5	82.6	62+6	82.7	82.7		82.8	82.8	82.8	82.8	82.8	82.8	82.8
	14000			83.8 86.7	84.5 86.9	84.2 87.1	87.3	84.4 87.3	84.5 87.4	84.5	84.5	84.6	84.6 87.5	84.6 87.5	84.6 87.5	84.6 87.5	84.6 87.5	84 .6
UE	121 01				80.7	01.47	01.3	81.3	07.4	87.4	87.4	87.5	67.5	87.3	0143	01.3	0/.5	87.5
6.F	10000	al ei	7.5	88.8	89.n	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE		01 68		89.3	89.5	89.6	89.9	9D+ D	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90 •2
GE		0 6		89.9	90.1	98.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
GΕ	7000	0 j 89	6	90.9	91.2	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.6
ЬE	6000	01 93	3 • C	94.5	94.7	95.ù	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
		•							-	·								
G€		0   94		95.7	96.0	96.3	96.5	96.5	96.7	96.7		96.8	96.8	96.8	96 • B	96.8	96.8	96 -8
GE		p) 94		96.2	96.5	96 • 8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
υE		99		96.9	97.2	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.D	98.0	98.0
GE.		01 95 01 95		97.2 97.5	97.5 97.8	97.8 98.2	98.1	98,1	98.2	98.3		98.3	98.3	98.4	98.4	98.4	98.4	98.4
ΓE	30.00	31 32	. 4	91.5	77.0	40.2	70.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98,7	98.7	98.7	96.8
GE	25.00	01 96		97.8	98.1	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE		96		98.0	98.3	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
6E	-	11 96		98.4	98.4	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	79.4
GE		96		98.1	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
ΰĒ		S   96		98.2	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99 .6
		•											•	•				
GE		01 96		98.2	98.6	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE		G   94		98.2	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE.		3 9		98.3	98.6	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99 .8
GE		0   90		98.3	98.6	99 • 0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	.99.8	99 -8
EE	P 01	01 9	5 • 5	98.3	98.7	99.1	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99 -8
GE	5 d d	01 96		98.3	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
6E		C 1 96		98.3	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE		3 96		98.3	98.7	99.1	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.4	99,9	99.9	99.9	99.9
GĒ		51 96		98.3	98.7	99.1	99.4	99. 4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.0	100.0	100.0
GĒ		96		98.3	98.7	99 • 1	99.4	99.4	99.6	99.7	99.7	99.8	99.3	99.9	99.9	99.9	100.0	100.0
			•	• •	• •	· -							-		•		- 10	••••
GΕ	1	C) 96	6.6	98.3	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
•••	• • • • •	• • • •	• • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •		• • • • • •			• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 70707

15-17 |

13-20 1

21-23 |

TOTALS I

31.6

42.2

52.9

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANUS HR NM PERIOD OF RECORD: MONTH: JAN PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER FOURS 1 TOTAL 3 (LST) | 10 MEAN 085 υ3-02 I 3.6 23.0 775 46.6 63-05 | 22.1 12.0 19.8 3.7 777 46.1 06-08 | 33.0 24.9 19.3 22.8 4.8 779 69-11 | 29.0 23.6 20.8 26.7 5.2 780 12-14 28.8 21.8 22.4 26.9 5.4 780 15-17 | 30.6 19.4 23.9 26.1 5.3 767 18-20 | 38.2 20.4 19.0 22.3 714 21-23 1 43.7 22.5 18.1 3.9 STATION NUMBER: 74734G STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: MONTH: FEB PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL FOURS | 3 0 (LST) | HEAN 085 J2-02 1 57.1 26. 9 12.6 63-05 | 57.3 20.2 9.5 13.0 714 06-08 | 38.0 28.2 14.7 19.2 4.1 714 C9-11 1 34 . 7 27.9 16.0 21.4 4.4 714 12-14 | 22.2 20.2 21.1 4.7 714 26.5

26.5

22.8

22.9

702

656

5585

22.4

23.1

19.5

11.9

8.2

4.8

4.0

2.9

TOTALS I

37.9

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: MONTH: MAR PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER TOTAL OBS FOURS | 3 5 9 10 MEAN 17,4 50.3 00-02 | 15.0 3.6 15.5 17.0 5.7 786 03-05 1 47.8 19.6 20.7 766 06-C8 I 34.1 26.2 19.0 4.6 786 C9-11 | 30.7 27.1 20.4 21.9 4.8 24.0 5.2 786 12-14 | 29.0 23. D 23.9 23.8 5.1 768 15-17 | 30.7 22.5 22.9 20.1 4.6 707 18-20 | 23.1 20.9 708 21-23 | 44.5 22.6 16.1 16.8 3.8

20.2

22.7

STATION NUMBER:	74734E	STATION N	AME: WHIT	E SANDS I	IR NM			HONTH			53-62		
HOURS (LST)		ئ ئ	P 2	ER CENTAGE	FREQUEN	CV ÖF		TOTAL SKY		9	10	MEAN	TOTAL OBS
CC-02	i 6i	.6	•••••	19,7	• • • • • • • •	•••••	• • • • • • • • • •	• • • • • • • • • •	•••••	8.6	10.1	2.4	756
C3-05	1 53	3.7		22.5						14.6	9.3	2.9	756
Cé-C8	1 40	1.1		26.1						20.2	13.6	4.0	756
09-11	1 37	7.6		27.6						19.2	15.6	4.1	756
12-14	1 34	.3		25.1						23.3	17.3	4.6	756
15-17	1 32	2.3		26.1						22.3	19.3	4.7	721
18-20	1 38	1.4		26.3						22.3	12.9	4-1	627
21-23	1 54	1.7		20.1						11.3	13.9	3.0	627
TOTALS	1 44	1+1		24.2				,		17.7	14.0	3.7	5755

GLOBAL CLIMATOLOGY BRANCHUSAFETAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER

TATION NUMBER: 7	4734C S	TATION NAI	1E: WHIT	E SANDS M	R NM				O OF RE	CORD:	53-62		
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • •									• • • • • • • •	•••••	• • • • • • • •
HOURS   (LST)		1		ER CENTAGE 3	4	5 S	6 6	7	8	9	10	ME AN	TOTAL OBS
50-02	61.9	• • • • • • • •	• • • • • • • •	20,9	•••••	******	• • • • • • •	• • • • • • • •	•••••	10.9	6.3	2.2	750
03-05	52.6			27.8						13.1	6.4	2.7	776
ne-ce 1	46.3			26.3		e				14.8	10.6	3.2	789
09-11	44 . 2			27.8						17.6	10.4	3.5	789
12-14	35.7			29.8						23.2	11.3	4.1	789
15-17	31.3			32.4						24.3	12.1	4.4	754
18-2G	39.5			27.4						19.8	13.4	3.9	643
21-23	55.8			16.7						15.1	18.4	3.0	615
TOTALS I		* * * * * * * * * *	••••••	26.6	•••••	• • • • • • • •	•••••		•••••	17.4	10.1	3.4	5905
TATION NUMBER: 7	45.9	TATION NA		26.6			•••••	HON	D OF RE	17.4 	10•1 53~62	. • • • • • • •	• • • • • • •
TATION NUMBER: 7	45.9	TATION NA		26.6	• • • • • •			HON1	H: JUN	17.4 ::::::::::::::::::::::::::::::::::::	10•1 53~62	3.4	• • • • • • •
TATION NUMBER: 7	45.9	TATION NAI	P 2	26.6  E SANDS M  ERCENTAGE	• • • • • •			HON1	H: JUN	17.4 ::::::::::::::::::::::::::::::::::::	10•1 53~62	. • • • • • • •	• • • • • • •
TATION NUMBER: 7	45.9	TATION NAI	P	26.6  E SANDS M  ERCENTAGE	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4	10.1 53-62		ATOTAL
TATION NUMBER: 7 Hours (	45.9 47340 S	TATION NAI	P 2	26.6 E SANDS M ER CENTAGE	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CORD:	10.1 53-62	MEAN	JATOT 240
TATION NUMBER: 7 Hours ( (LST)   LO-02	45.9 47340 S	TATION NAI	P 2	E SANDS M	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CORD:	10.1 53-62 10	ME AN	TOTAL OUS
TATION NUMBER: 7  HOURS ( (LST)    CO-O2    03-05	45.9 47340 S 25.9 45.7	TATION NAI	P 2	E SANDS MERCENTAGE 3 24.8 33.7	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CCORD:	10-1 53-62 10 4-3 4-7	ME AN 2.5	707AL QBS 458 738
TATION NUMBER: 7  HOURS ( (LST)    L0-02    03-05    C6-08	45.9 47340 S 55.9 45.7 46.1	TATION NAI	P 2	26.6  E SANDS M  ER CENTAGE  3  24.8  33.7	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CCORD:	10-1 53-62 10 4-3 4-7 7-6	ME AN 2.5 2.9	707AL 085 458 738
TATION NUMBER: 7  HOURS ( (LST)    C0-02    03-05    C6-C8    C9-11	45.9 47340 S 55.9 45.7 46.1 29.3	TATION NAI	P 2	26.6  E SANDS M  ER CENTAGE  3  24.8  33.7  33.3  32.8	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CCORD: 9 15.0 15.9 13.0	10-1 53-62 10 4-3 4-7 7-6 5-1	ME AN 2.5 2.9 2.9	707AL QBS 458 738 748
TATION NUMBER: 7  HOURS ( (LST)    CO-O2    O3-C5    C5-C8    C9-11    12-14	45.9 47340 S 55.9 45.7 46.1 29.3 24.2	TATION NAI	P 2	26.6  E SANDS M  ERCENTAGE  3  24.8  33.7  33.3  32.8	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CORD: 9 15.0 15.9 13.0	10-1 53-62 10 4-3 4-7 7-6 5-1 6-1	ME AN	707AL 0BS 458 738 768 768
HOURS ( 4LST)    CO-O2    O3-C5    C5-C8    C9-11    12-14	45.9 47340 S 55.9 45.7 46.1 29.3 24.2	TATION NAI	P 2	26.6  E SANDS M  ER CENTAGE  3  24.8  33.7  33.3  32.8  45.2  37.4	FREQUE	CY OF T	NTHS OF	HON'	A COAEL	17.4 CCORD: 9 15.0 15.9 13.0 16.0	10-1 53-62 10 4-3 4-7 7-6 5-1 6-1 9-3	ME AN 2.5 2.9 2.9 3.7 4.7	707AL OBS 458 738 768 768 768

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUPBER:	747340	STATION NAME	: WHITE	SANDS MA	NP				: JUL		53-62		
HOURS (LST)		C 1	P E F	CENTAGE	FREQUENC:	9 OF TE		TOTAL SKY			10	MEAN	TOTAL OBS
79-02	1 25	.5	• • • • • • • • •	24,8		• • • • • •	• • • • • • •	••••••	•••••	21.0	18.7	4.5	729
23-05	1 29	.4		32.8						22.3	15.5	4.5	772
26-08	1 25	.4		31.6						24.9	18.1	5.0	784
29-11	1 22	-1		43.6						23.9	10.3	4.5	786
12-14	1 8	•3		47.6						36.2	7.9	5.5	764
15-17	1 5	•6		4G.G						40.9	13.5	6 • 2	770
18-20	1 11	•2		30.3						38.0	20.5	6.4	644
21-23	1 24	•0		28.7						25.5	21.8	5.3	624
TOTALS	20	1.2		34.9						29.1	15.8	5 • 2	5893

STATION NUMBER:	747348	STATION	NAME:	MHITE	SANDS ME	R NM					: AUG	UKD:	53-62		
FOURS (LST)		3	2	P E 1	R CEN TAGE	FREQUENCY	* O F	TENTHS OF	TOTAL 7	SKY	COVER	9	10	MEAN	10TAL OBS
↓J <b>-02</b>	1 41		•••••	•••••	26.9		•••	•••••		••••		15.7	16.4	3.9	788
03-05	1 37	7.1			29.9							20.9	12.1	4.0	795
06-08	1 27	7.3			36 • 6							25.2	10.9	4.5	795
39-11	i 24	.3			45.8							22.4	7.5	4.1	795
12-14	1 7	1.5			50.4							35.6	6.4	5.4	795
15-17	1 5	.4			36.3							46.4	9.9	6.3	780
18-20	1 15	.2			36.2							33.0	14.9	5.6	705
21-23	1 32	2.2			29.8							20.0	18.0	4.5	705
TOTALS	1 23	1.4			36.7	<b></b>						27.5	12.0	4.8	6150

# PLRCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	74734C	STATION	NAME: WH	ITE SANDS	MR NM			HONT	D OF RE		53-62		
Faurs (LST)	-	0	1 2	PERCENTAG 3	E FREYLEN 4	CY OF 1	ENTHS OF		Y COVER		10	HEAN	TOTAL OBS
£0-02	1 6	1.5		15,9	•••••••	•••••	••••••	•••••	•••••	12.6	10.0	2.6	753
C3-05	1 5	7.4		21.1						10.2	11.3	2.7	754
26-08	1 4	7.3		26 • 2						16.7	9.8	3.3	753
09-11	1 . 4	9.5		26.3						15.3	9.0	3.1	754
12-14	] 3	5.6		37.8						18.1	8.5	3.6	753
15-17	j 3	3.1		37.0						22.3	7.7	3.9	744
18-20	j 4	3.6		26.6						19.9	9.7	3.6	699
21-23	1 5	3.1		22 • 6						12.7	11.6	3.0	700
TOTALS	1 4	7.7		26.7						16.0	9.7	3.2	5910

STATION NUMBER:	747340	STATION NAME:					MONTH			\$3-62		
HOURS (LST)	•	2 1	P ER CE	NTAGE FREQUE					9	10	MEAN	TOTAL OBS
50-02	1 64		14.	• 5	• • • • • • • • •	•••••	• • • • • • • • • •	•••••	10.3	10.6	2.4	013
C 3-05	1 64		17.	• 0					8.1	10.1	2.2	813
C6-G8	l 50	8.8	21.	• 6					17.2	10.3	3.2	813
C9-11	1 52	.4	21.	٥.					14.8	11.6	3.1	813
12-14	1 47	• 7	22.	. 4					17.7	12.2	3.5	813
15-17	1 46	.7	25.	- 1					17.2	11.0	3.4	798
18-20	1 56		17.	• 0					14.3	11.9	3.0	741
21-23	1 62	• 8	13.	. 6					11.3	12.1	2.6	741
TOTALS	1 55	a M	19.	- 1					13.9	11.3	2.9	6345

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 747340 STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: MONTH: NOV PFRCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | TOTAL OBS 3 9 9 10 MEAN 03-02 [ 734 63.6 16, 3 9.5 10.5 2.4 C3-05 | 63,7 15.6 10.2 10.5 735 2.4 1 83+63 48.2 21.6 16.0 14.8 732 £9~11 | 23.5 14.7 15.6 3.6 12-14 1 15.6 15.2 15-17 | 45.1 21.0 16.6 17.3 3.9 728 18-20 I 53.6 19.7 12.0 14.7 3.1 675 21-23 1 61.4 14.6 11.7 12.4 2.7 678 TOTALS | 53.3 19.5 13.9 5749 3.2

PINITON MCHBEK:						HONTH	E DEC		53-62		
HOURS (LST)	1	0 1	2			TOTAL SKY		9	10	HEAN	TOTAL OBS
00-02	1 56	3	•••••	17. a	 	 •	******	12.1	13.7	3.0	701
C3-C5	1 59	.2		15.6				10.9	14.2	2.9	764
06-08	1 42	2.0		55.0				17.2	18.8	4.1	719
69-11	1 38	1.5		21.6				17.6	22.1	4.5	746
12-14	1 36	3		21.9				21.7	20.1	4.6	741
15-17	36			21.4				23.4	14.6	4.6	710
18-20	1 49	.7		18.9				15.9	15.5	3.5	624
21-23	1 55	.7		16.4				12-1	25.0	3.2	628
YOTALS	1 46	.8		19.5				16.4	17.4	3.8	55.73

# PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM PERIOD OF RECORD: MONTH: ALL PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | TOTAL 3 5 0 2 9 10 MEAN 280 ALL 22, 2 6086 18.1 22.7 JAN 4.6 FLE 43.3 24.5 16.4 15.9 3.8 5585 ı MAP 37.9 22.7 19.2 20.2 4.4 6113 APP 44.1 24.2 17.7 14.0 3.7 5755 45.9 26.6 17.4 16.1 3.4 5905 MAY 32.8 8.2 3.5 JUN 43.6 18.4 5634 JUL 20.2 34.9 29.1 15.8 5.2 5893 AĽG 23.8 36.7 27.5 12.0 4.8 6158 SEP 47.7 26.7 16.0 9.7 3.2 5910 oct 55.8 19.1 13.9 11.3 2.9 6345 13.3 13.9 5749 NOV 53.3 19.5 3.2 5573 DEC 46.8 19.5 16.4 17.4 3.8 25.8 14.3 3.9 18.6 10706 TOTALS 1 41.4

FPPPPPPP AAAAAAA RRRRRRR TITTTTTTT EEEEEEEEE
PPPPPPPPP AA AA RR RR TT EE
PP PP AA AA RR RR TT EE
PPPPPPPPPP AA AA RRRRRRR TT EEEEEEE
PPPPPPPPPPPPPP AA AA RRRRRRRR TT EEEEEE
PPPAAAAAAAAA RRRRRRRR TT EEEEEE
PP AAAAAAAAAA RR RR TT EEEEEEE
PP AA AA RR RR TT EE

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### TEMPERATURE AND PELATIVE FUNIDITY SUMMARIES

CLHILATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND HEAN) TEMPERATURES

LATA DERIVED FROM SUMMARY OF DAY DATA.

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PERCENTAGE TABULATIONS PRESENTED BY S-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVILATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES 4 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT PAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY S THE HOURLY OBSERVATIONS FOR THE MIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTATNING ASTERISKS).

FOUR OF MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

### EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PHESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

AUSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INCICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD REVIATIONS FOR DRY BULB INET BULB AND DEN POINTI TEMPERATURES

PATA DERIVED FROM FOURLY ORSERVATIONS.

PATA FRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY TALL YEARS COMBINEDI.

PRESENTED ARE PEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CLINCLATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY ORSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, HONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

STATION A						WHITE SA					PER10		ORD: 47-	62 •
TEM	(F)	JAN	FE B	MAR	A PR	PAY	JUN	JUL	AUG	SEP	OC 1	NOV	DEC	ANNUAL
	1051 1051 951 951 851 751 671 551 401 351 251	4.0 17.6 40.6 59.0 86.4 93.5 97.9 99.2	2.3 16.6 34.8 574.8 99.1 98.8 99.1	2.4 13.4 38.3 59.5 87.1 98.1 99.2 100.0	1 - 7 14 , 8 39 , 8 64 - 6 83 - 1 92 - 7 97 - 7 99 - 1 99 - 7		12.7 47.4 61.1 94.4 99.1 100.0	6 6 43 . 3 75 . 4 90 . 5 97 . 1 98 . 9 1 00 . 0	3.1 32.6 73.6 93.0 99.0 99.5 100.0	9.8 9.1 35.6 73.0 #9.4 97.7 99.2 1~0.0	7 15.3 41.6 68.7 84.9 93.3 98.1 99.5 170.0	1.3 5.7 28.2 53.4 73.1 86.3 92.2 98.2 99.5 100.0	4.1 13.4 38.1 44.7 60.7 51.2 56.9 59.5	-1 2 · C 10 · 9 27 · 2 35 · 6 45 · 1 52 · 7 62 · N 71 · 6 81 · N 69 · C 94 · C 97 · 2 98 · 5 99 · 5 99 · 5 99 · 5 99 · 5 99 · 5 99 · 5 99 · 5 99 · 5 90 · C
GE MEAN SD Total (	15  	100.0 55.4 10.037 376	59.9 9.746 344	65.3 8.901 373	76.5 7.659 344	84 · 1 7 · 163 346	93.8 93.8 5.390 323	92.7 5.907 349	92.0 4.673 387	#7.1 5.833 396	76.9 7.431 418	63.7 8.505 386	16.4 8.152 388	160.C 75.3 15.922 443C

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CLMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES FROM SUMMARY OF DAY DATA

# CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES FROM SUMMARY OF DAY DATA .

STATION !	IUMBER	: 74734C	•••	STATION	NAME:	WHITE SA	NDS MR N	M •••••••	• • • • • • •	•••••	PERIO	OF REC	DRD: 47-	62
TEM	e ( F )	JAN	FEB	HAR	A PR	MAY	JUN	JUL	AUG	SEP	0C T	NOA	DEC	ANNIAL
GE GE GE GE GE GE GE GE GE GE GE GE GE G	85  80  75  75  60  55  40  35  40  35  25  25  20  15  -5	.3 2.1 4.57 27.1 51.6 61.1 88.6 94.1 99.1 99.5 99.5	2.3 8.4 21.8 45.9 71.6 63.1 92.1 92.1 98.5 99.4	2.9 12.3 26.5 42.0 63.4 88.4 93.6 93.6 93.6	3 1 . 7 7 . 6 22 . 7 42 . 4 68 . 0 86 . 2 99 . 4 99 . 7	.3 1 9 - 8 29 - 5 57 - 5 80 - 6 92 - 6 98 - 7 100 - 0	.3 4.3 19.8 51.1 81.4 94.7 100.0	.3 1.4 11.5 58.7 93.1 99.7 100.0	92.5 100.0	1.3 12.4 46.5 93.6 97.0 170.0	1.2 6.7 17.9 42.3 73.4 91.4 91.0	1.0 4.1 11.1 27.5 55.7 79.0 87.6 94.3 98.7	.3 .8 4.4 10.6 26.0 49.0 (0.3 75.5 52.5 58.7 58.7	. C . 5 3 . 3 1 4 . 7 2 9 . 1 3 9 . 3 4 8 . C 5 6 . 5 7 6 . C 6 5 . 5 8 9 . 1 9 3 . 2 9 7 . 6 9 9 . 2 9 9 . 6 9 9 . 6 9 9 . 6
MEAN SD TOTAL (	BS I	34.3 9.441 376	37.9 8.853 344	43.4 8.986 373	53.3 7.807 344	60.5 7.146 346	69.5 5.791 323	70.2 3.912 349	6 <sup>9</sup> •4 3•472 387	64.0 4.898 396	53.6 6.68 <sub>6</sub> 418	40.5 7.345 386	34 - 6 7 - 76 4 388	52.6 15.145 443C

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES FROM SUMMARY OF DAY DATA

STATION NUMBER: 747340 WHITE SANDS MR NM PERIOD OF RECORD: 47-62 JAN FEB MAR MAY JUN JUL SEP oc t NOV DEC ANNLAL 2.9 24.6 71.1 94.0 GE 951 GE 851 GE 851 GE 701 GE 701 GE 651 GE 551 GE 451 GE 357 GE 251 GE 201 GE 201 GE 201 GE 251 .3 1.4 12.1 38.4 71.7 88.4 95.7 5.0 29.4 68.7 92.3 98.8 99.7 .5 14.0 66.7 94.3 99.5 2.0 18.2 64.9 89.1 98.5 130.0 5.5 27.9 55.2 78.2 92.2 97.4 99.7 .2 5.3 25.8 58.1 82.5 95.0 98.3 19.1 32.1 42.0 50.6 58.8 69.0 79.0 88.2 94.6 97.7 1.3 11.3 28.4 52.3 74.3 87.4 95.4 98.4 2.3 13.5 42.5 67.9 85.2 95.6 .6 7.3 27.9 53.5 74.1 86.9 93.6 97.7 98.3 99.1 100.0 2.6 11.6 27.3 58.8 E0.9 92.3 59.5 3.2 11.7 33.0 55.9 77.1 89.4 95.2 96.8 98.4 99.5 100.0 160.9 99.4 99.5 99.8 160.6 100.0 110.0 100.C MEAN | SD | Total obs | 64.1 44.9 54.5 8.258 373 49.0 8.616 344 72.4 6.474 346 65.0 6.970 344 45.8 81.8 4.977 323 75.7 4.677 396 80.8 3.689 387 65.3 6.235 418 52.2 7.083 386 9.050 7.190 388 15.223

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# EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 47-62

••••••		• • • • • • •		• • • • • • • •		1	HOLE DE	REES FA				•••••	•••••	ALL
YEAR	i	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	CEC	MONTES
•••••••	i	•••••	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • • •	<b>*97</b>	98	91	80	66	•••••
48	1	73	76	76	94	97	105	103	99	102	86	76	71	1 (5
49	1	62	71	76	87	95	103	103	99	93	86	79	65	1 C3
50	1	73	74	82	9 C	94	103	99	98	95	88	84	73	1 5 3
51	1	70	76	78	8 4	103	106	106	101	98	91	74	73	1 66
52	1	72	67	72	8 3	92	100	99	100	96	8.8	8 C	64	100
53	i	73	73	82	8.5	+84		<b>+98</b>	98	95	85	71	68	
54	1	69	75	78	89	91	99	102	98	95	87	73	71	1 C2
55	1	62	72	77	8 7	91	101	99	95	95	85	75	71	1 (1
56	ı	68	73	•76			_							
5 7	1								+95	+94	*85	*66	· +65	
58	1	+67	+ 74	<b>*69</b>	+87	+97	*100	+104	*97	<b>*97</b>	*83	+72	+77	<b>+</b> 1 C4
59	ł	+70	+72	<b>*74</b>	*8 <sub>E</sub>	*92	+99	+99	+97	+96	+84	±74	<b>*62</b>	• 59
60	ļ	+63	<b>+7</b> 0	*81	+8 9	+91	+104	*97	*100	+93	<b>+85</b>	+75	*63	+1 C4
61	1	+62	+71	*77	<b>.</b> 89	96	102	101	99	90	86	7 3	73	1 C Z
62	ı	67	80	80	91	95	99	100	100	93	85	77	64	7 CO
PE AN	· · ·	68.9	73.7	77.9	87.8	94.9	102.0	101.2	98.7	95.5	87.1	76.5	65.0	102.5
S.D.	i	4.228	3.466	3.160	3.563	3.723	2.500	2.539	1.636	3.142	2.212	3.882	3.688	2.204
TOTAL OBS	j	376	344	373	344	346	323	349	387	396	418	386	388	44 30

NOTES \* (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

# EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 47-62

_					1	MHOFE DE							
1						-H-O.	. N_ T -H -S	-					ALL
YEAR (	MAL	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	LEC	MONTES
``4;```		•••••		• • • • • • • •	••••••	• • • • • • • •	• • • • • • •	*60	52	42	29	15	• • • • • • • • •
48 1	5	16	21	3 8	51	54	64	61	50	39	20	23	5
49	10	24	32	3 Ž	5 2	59	6.3	60	55	35	35	20	10
50 I	50	30	37	42	44	56	62	64	51	49	22	19	19
51	16	8	28	34	9.1	57	69	63	55	44	2 a	20	8
52		27	26	41	47	56	59	63	5.5	44	24	24	23
53	23 25	22	30	37	+39		+66	65	63	41	31	8	
54 i	23	30	29	47	46	62	66	62	61	41	36	19	19
55	21	21	23	4.0	48	56	61	64	60	44	28	29	21
56 . 1	27	13	+28		***		••		•-			-	
57	•	••						+66	+51	+41	•2 a	+25	
58 1	*23	<b>+2</b> 8	*27	*38	*50	*64	+64	+64	+52	<b>+39</b>	•26	4 2 5	+ 23
59	+25	<b>+25</b>	<b>*29</b>	+36	*48	+59	+65	+63	+54	+48	+28	+31	• 25
60 i	+21	+14	*27	*42	045	<b>#5</b> 9	*64	+61	+58	+40	+33	+23	+ 14
61	•26	+27	+33	44 1	51	58	60	6.	53	43	30	31	+ 26
62	-6	26	21	40	48	56	62	66	55	45	34	26	-6
		••••••	******	• • • • • • • • • • • • • • • • • • • •	******	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••	••••	•••••••	••••	••••	••••••
MEAN !	16.4	21.7	27.4	39. D	47.6	57.1	62.9	63.2	55.2	42.5	28.8	21.5	12.4
s.o. 1	10.437	7.349	5.318	4.44.	3.575	2.315	3.100	1.814	3.737	3.588	5.212	6.219	9.942
L OBS	3 7.6	344	373	34 4	346	323	349	387	796	418	386	388	4430

NOTES + (BASED ON LESS THAN FULL MONTHS)
# (AT LEAST ONE DAY LESS THAN 24 OBS)

URY-BULB TEMPERATURES DEG F FROM HOUPLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NH

LST		MAL	FEB	MAR	APR	МАЧ	JUN	Ju L	AUG	SEP	0C1	NOV	LĒČ	ANL
i	MEAN	42.0	45.7	51.2	6g.6	67.1	76.4	76.0	75.5	70.9	60.3	47.7	41.7	59.6
	SD	9.788	9.968	9.762	8.256	7.809	5.947	5.108	4.728	5.303	7.674	7.812	8.633	15.039
	TOT OBS	775	714	786	756	750	658	731	788	753	813	734	701	8959
3 <b>-</b> 05	MEAN I SO I Seo fot		42.7 9.657 714	48.1 9.542 786	56.9 8.214 756	63.4 7.836 776	72.4 5.922 738	72.7 4.314 775	72.0 3.929 795	67.2 4.824 754	57.3 7.264 813	45.2 7.985 735	39.2 8.521 704	56.6 14.571 9123
	MEAN I	38.5	41.9	47.6	57.9	66.6	76.0	75.5	74.1	68.5	57.8	45.0	36.3	57.6
80-6	Sd I	9.519	9.755	9.599	8.087	7.662	6.073	5.161	4.338	5.175	7.473	7.998	8.482	15.931
	Tot obsi	779	714	786	756	789	768	786	795	753	813	732	719	9190
9-11   -11	MEAN   SD   TOT OBS	45.6 8.981 780	49.8 9.689 714	55.6 9.352 786	66.3 8.302 756	74.8 7.731 789	84.4 6.147 768	83.3 6.089 786	82.6 4.994 795	77.9 5.948 754	66.5 7.466 813	53.3 8.028 735	46.0 8.233 746	65.7 16.241 9222
2 - 1 4 F	MEAN	52.6	56.8	62.2	72.7	80.6	90.4	89.1	88.1	83.9	72.8	60.4	53.0	72.1
	SD	8.853	10.230	9.478	8.206	7.861	5.682	6.266	5.270	6.361	7.869	8.347	8.692	15.915
	TOT QBS	78 <sub>0</sub>	714	786	756	789	768	786	7 <sup>9</sup> 5	753	813	732	741	9213
5-17	MEAN	53•4	58.0	63.8	74 • 7	81.9	91.5	89.8	88.7	84.4	73.2	60.3	53.2	73.0
	SD	8•935	10,198	9.611	7 • 7 76	7.824	5.766	6.884	5.615	6.425	7.881	8.313	8.637	16.0C6
	101 obs	767	702	768	7 21	754	756	771	780	744	798	728	710	8999
-23	MEAN	47.0	51.8	58.7	70.5	77.2	86.6	84.8	83.7	78.4	66.3	53•7	46.7	67.0
	SD	9.136	10.009	9.520	7.484	7.916	6.349	6.684	6.008	6.008	7.218	7•701	8.322	16.356
	TOT OBS	714	657	7 <sub>0</sub> 6	627	643	619	644	705	699	741	675	624	8056
	MEAN	43.9	47.9	54.4	65.5	71.3	80.4	79.7	79.2	74.2	62.8	50.5	44.0	62.5
	SD	9.504	10.269	9.735	7.704	7.800	6.194	5.520	4.983	5.727	7.287	7.823	8.621	15.611
	TOT ORS	714	657	708	627	615	559	624	705	700	741	678	628	7956
	MEAN I	45.3	49.3	55.2	65.5	72.8	82.4	81.4	80.4	75.7	64.6	52.0	45.3	64 .2
	So I	10.631	11.446	11.134	10.243	10.154	9.02J	8.412	7.804	8.468	9.539	9.851	10.069	16 . 7 97
	Tot GBS I	6586	5586	6114	5755	59 <sub>0</sub> 5	5634	5903	6158	5910	6345	5749	5573	707 18

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM

LST				•										
MEAN   15.3   35.7   38.8   40.1   40.7   56.03   62.4   62.1   56.6   40.6   34.6   34.1   14.57		MAL	FEB	MAR	APR	MAY	NUL	JuL	AUG	SEP	007	NOV	BEC	ANA
03-05  SD   7.245 7.265 6.404 4.977 5.346 5.020 3.052 2.899 4.886 6.155 6.319 6.459 11.620   101 085  777 714 786 756 776 738 775 755 754 813 732 704 9120   101 085  777 714 786 756 789 768 785 795 753 813 729 719 9186   101 085  779 714 786 756 789 768 785 785 785 813 729 719 9186   101 085  779 714 786 756 789 768 785 785 785 813 729 719 9186   101 085  780 714 786 756 789 768 785 785 785 813 729 719 9186   101 085  780 714 786 756 789 768 789 768 785 785 813 735 786 9222   12-14  SD   5.969 6.537 5.408 4.392 4.699 4.159 3.172 2.585 3.491 5.992 5.719 5.331 10.573   101 085  780 714 786 756 789 768 786 785 785 3.491 5.992 5.719 5.331 10.573   101 085  780 714 786 756 789 768 786 785 785 3.491 5.992 5.719 5.331 10.573   101 085  780 714 786 756 789 768 785 786 795 753 813 732 741 9213   12-14  SD   5.969 6.537 5.408 4.392 4.699 4.159 3.172 2.585 3.491 5.992 5.719 5.331 10.573   101 085  780 714 786 756 789 768 786 795 753 813 732 741 9213   15-17  SD   5.704 6.28 5.238 4.055 4.287 3.997 768 786 795 753 813 732 741 9213   15-17  SD   5.704 6.28 5.238 4.055 4.287 3.997 768 786 795 753 813 732 741 9213   16-276 789 768 789 786 789 786 789 789 789 789 789 789 789 789 789 789	CO-C21 SD	7.046	7.199	6.192	4.700	5.084	4 . 6 9 3	2.963	2.696	4.533	5.907	6.056	6.209	11.550 8956
PKAN   32.3   33.8   37.3   43.3   49.2   57.4   63.1   62.3   56.3   47.8   37.2   32.2   46.3   36-08   50   7.413   7.381   6.451   5.237   5.270   4.930   2.731   2.987   4.814   6.338   6.439   6.613   12.520   107   085   779   714   786   776   789   768   785   795   753   813   729   719   9186   789   788   785   789   788   785   789   788   785   789   788   785   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   788   789   789   788   789	j dz jeo-eg (28 <sub>0</sub> tot)	7 • 245 777	7.260	6.404	4.977 756	5.346	5.020	3.052	2.899	4.886	6.155 813	6.319 732	6.459 704	11.620 9120
MEAN	MEAN    6-08  SD	32.3 7.413	7.381	6 - 451	43.3 5.237	5.270	4.930	2.731	2.987	4.814	47.8 6.338	37.2 6.439	32.2 6.613	46.3 12.520 9186
MEAN	9-11 SD     101 OBS	6.367	6.770	5.911	4.926	5.154	4.626	2.888	2.629	3.944	5.552	5.887	5.631	49.9 11.612
MEAN   30.5   41.7   44.5   50.1   54.0   61.0   65.7   65.1   60.8   54.0   44.8   40.2   52.1	MEAN   2-14) SD    TOT OBS	5.969 780	6 • 537 714	5.408	4.392	4.699 789	4.159	3.172	2.585	3.491	5.092	5.719	5.331	10.573 9213
MEAN   37.1 38.4 41.9 47.9 51.8 59.0 64.6 63.9 59.2 51.5 42.1 37.0 49.5 8-20 50   5.981 6.378 5.372 3.940 4.405 4.218 3.161 2.416 3.966 5.204 5.306 5.655 10.993   101 0g5 714 657 707 627 643 619 644 705 699 741 675 624 8055   MEAN   35.2 36.4 40.1 46.1 49.9 57.3 63.4 63.0 57.8 49.8 40.3 35.4 47.7 1-23 50   6.466 6.773 5.832 4.344 4.781 4.634 3.112 2.521 4.334 5.515 5.503 5.899 11.369   1707 0g5 714 657 707 627 615 559 624 705 700 741 678 628 7955   MEAN   36.1 37.5 40.7 46.4 51.0 58.6 64.0 63.5 58.4 50.6 40.8 36.1 48.7 ALL   50   7.167 7.413 6.459 5.379 5.471 5.056 3.394 3.070 4.670 6.138 6.528 6.591 11.623	MEAN   5-17  SD	40.5 5.704 767	41.7 6.298	5.238	4.055	54.8 4.287	3.997	3.164	2,418	3.311	4.883	5.412	5.308	52.1 10.296 8998
HEAN   35.2	1 07 102-8   101 085	37.1 5.981	6.378	5.372	3.940	4.405	4.218	3.161	2.416	3.966	5.204	5.306	5.655	49.5
MEAN   36.1 37.5 40.7 46.4 51.0 58.6 64.0 63.5 58.4 50.6 40.8 36.1 48.7 ALL   SD   7.167 7.413 6.459 5.379 5.471 5.056 3.394 3.070 4.670 6.138 6.528 6.591 11.623	MEAN   1-23  SD     107 GBS	6.466	6.773	5.832	4.344	4.781	4.634	3.112	2.521	4.334	5.515	5.503	5.899	11.369
	I MEAN I	7.167	7.413	6.459	5.379	5.471	5.056	3.394	3.070	4.678	6.138	6.5Ž8	6.591	11.623

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

HOURS   STATS	MAL	FEB	MAR	APP	HAY	NUL	JUL	AUG	SEP	0C1	NOV	LEC	ANA
10-02  SD   1101 OBS	23.2 8.452 775	21.4 9.735 714	21.7 10.464 786	23.9 10.584 756	28.6 12.978 750	39.3 12.781 658	53.8 7.559 731	53.6 6.775 788	45.4 9.477 753	37.1 10.127 813	26.6 9.106 731	22.9 8.694 701	33 .2 15 . 4 C9 8 9 56
HEAN I	22.7	21.4	21.9	24.3	29.6	40.2	54.5	54.0	45·8	37.4	26.3	22.5	33.6
U3-051 SP	8.715	9.601	10.369	10.5 <sub>C</sub> 2	12.189	12.444	6.999	6.618	9·679	9.996	9.191	8.936	15.528
ITOT ORS	777	714	780	756	776	738	775	795	754	813	732	7 <sub>0</sub> 4	9120
MEAM	22.9	21.7	22.4	25 .6	31,3	42·4	55 • 7	54.9	46.8	38.0	26.6	22.6	34.5
SD   SD	8.623	9.340	10.116	10 .2 26	11.396	11·846	6 • 075	6.180	9.176	10.007	8.969	8.898	15.535
101 085	779	714	766	7 56	789	768	785	795	753	813	729	719	9186
MEAN   1	24.5	22.8	23.1	26.7	31.3	42.3	54.8	54.5	47.0	38.8	27.4	24 · I	35.0
19-11  SD   1	8.269	9.369	10.167	10.403	11.415	11.934	6.550	5.972	8.769	9.802	4.970	8 · 000	14.961
1101 ORS	780	714	786	756	789	768	786	795	754	gl3	735	746	92.22
MEAN	24.4	27.0	22.4	25 -4	29.2	40.1	52.6	52.6	45.4	37.9	27.1	23.9	33.8
12-14  SD	8.758	9.721	10.333	10 - 5 2 3	11.577	11.479	7.815	6.716	8.846	9.899	9.440	8.278	14.7C1
TOT OBS	780	714	786	7 5 6	789	768	786	795	753	813	732	741	9213
MEAN	24.0	20.5	20.4	23.1	26.7	37.7	51.5	51.2	44.2	37.2	27.3	23·5	32 .5
15-17  SC	8.819	9.980	10.711	10.942	11.671	11.635	8.513	6.986	9.102	9.999	8.924	8.338	14 . <b>6</b> 19
1707 OBS	767	732	768	72 <sub>1</sub>	754	756	771	779	744	798	728	710	89 <b>98</b>
MEAN	23.7	19.9	19.8	21.5	25.1	36.5	52.2	51.8	45.2	37.9	24.3	23.6	32.3
16-20 SD	7.895	9.011	10.410	11.044	12.351	12.892	8.644	7.073	9.448	10.077	8.319	8.188	15.2C6
TOT OBS	714	657	707	627	643	619	644	705	699	741	675	624	8D55
MEAN	22.9	19.7	20.7	22.6	26.6	37.7	53.2	52.8	45.4	37.4	27.6	23.0	32.5
21-23  SD	7.956	9.170	10.638	11.394	13.181	13.405	8.206	6.725	9.571	10.362	8.215	4.312	15.4 <b>98</b>
TOT OBS	714	657	707	627	615	559	624	705	700	741	678	626	79 <u>5</u> 5
MEAN	23.5	21.2	21.6	24 .2	28.7	39.7	53.6	53.2	45.7	37.7	27.1	23.3	33.4
ALL   SO	8.474	9.548	10.449	10.796	12.241	12.407	7.663	6.743	9.294	10.039	8.926	8.477	15.232
HOURSITOT OBS	6086	5586	6112	5755	5905	5634	5902	6157	5910	6345	5740	5573	707C5

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE FUMIDITY

PERIOD OF RECORD: MONTH: JAN STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM HONIHI HOURS PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN MEAN I TOTAL (LS7) . IRELATIVE NUF. OBS 70% 103 308 401 501 608 801 903 HUMIDITY 13.7 JAN 00-02 99.7 68.3 27.2 6.8 50.5 775 88.0 44.8 2.7 92.5 7.2 93-65 99.5 98 . 1 77.6 51.4 32.3 16.7 3.2 53.6 777 36-08 99.1 82.9 60.3 9.2 2.6 779 100.0 ,3.7 36.2 20.9 56.0 2.7 69-11 130.0 62.3 55.3 32.9 19.5 5.6 46.2 78( 99.7 28.2 15.0 8.6 5.4 3,3 1.5 781 15-17 99.1 49.8 15.4 9.3 5.6 1.2 35.2 767 9.7 20.9 47.0 21-23 99.4 83.6 56.2 36.6 8.0 2.6 714 10.6 96 . 5 99.7 35.8 21.2 11.6 46.0 94 . 6 55.2 6.2 2.4 6086

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATI	ION NUMBE	R: 747340	STATION	NAME:	VHITE SAN	DS MR NF	•			PERIOD OF Month: Fei		53-62	
HONTH	- FOURS		PEF	CENTAGE	FRE OL ENC	y OF REL	ATIVE H	MIDITY G	REATER	THAN	MEAN  RELATIVE	TOTAL	}
	1	103	. 20%	301	468	50%	60%	7g\$	803	90%	IHUHIDITY	1 OBS	i
FEB	CO-62	99.4	91.2	72.4	45.G	24.2	12.5	6.7	3.6	1.7	41.3	714	
	63-05	100.0	94.5	81.4	56.0	33.6	16.5	9.0	4.8	2,4	45.5	714	
	C6-08	99.9	96.4	85.6	62.2	37.0	19.6	9.4	5.2	1.8	47.3	714	
	59-11	100.0	87.5	63.3	34.5	16.4	10.4	6.0	3 • 2	1.1	37.7	714	
	12-14	98.6	60 - 1	34.6	14.8	8.7	5.5	3.9	1.7	.4	29.0	714	
,	15-17	95.6	56 • 7	27.1	13.0	6.7	4.3	3.0	1.9	. 9	26.4	702	
	18-23	97.4	76.7	40.9	20.7	11.4	5.9	3.0	1.4	•3	31.5	657	
	21-23	96.8	84 • 6	56.0	32.9	18.4	9.1	4.1	1.1	.8	35.9	657	
	TOTALS	98.7	82.0	57.7	34.9	19.6	10.5	5.6	2.9	1.2	36.8	5586	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATI	ON NUMBEI	R: 747342	STATION	NAME:	WHITE SAN	DS MÀ NI	•			ERIOD OF		53-62	
HONTH	HOURS	] 	PER		FRE QUENC	-				HAN	MEAN	TOTAL	<u> </u>
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	163	268	368	403	50%	60%	708	80%	90%	HUMIDITY		i
MAR	00-02	98.1	76 - 8	49.6	33.1	20.5	13.6	7,4	3.3	1.3	36.0	766	
	03-05	98.5	84 • 5	63.5	41.9	26.1	14.9	8.8	5.0	1.9	40.0	78£	
	26-89	98.7	86 . 0	63.2	44.3	27.2	15.9	9.7	5.2	2.2	40.9	786	
	09-11	98.3	72 • 6	43.8	24.0	13.9	8.1	4.5	1.7	.5	32.0	786	
	12-14	91-1	50 • 6	25.7	14.2	7.1	4.3	2.7	. 9	.5	25.1	786	
	15-17	83.6	45.9	19.1	10.9	6.8	3.8	2.2	1.0	.4	22.3	766	
	16-23	91.1	48 • 4	25.6	15.1	10.6	6,6	3.5	1.7	•6	26.0	101	
	21-23	94.8	66 - 1	38.3	23.6	14.6	10.3	6.6	3.3	1.1	31.4	707	
	TOTALS	94.3	65 • 7	41.1	25.9	15.9	9.7	5.7	2.8	1.1	31.7	6112	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATI	ON NUMBER	R: 747340	STATION	NAME:	WHITE SAN	DS MR NM				PERIOD OF HONTH: API		53-62	
HONTH	1 FOURS		PER		FRE QUENC	•		MIDITY G			MEAN [relative	I TOTAL	   
	1	163	201	368	40 %	50%	60%	70%	80%	90 <sub>2</sub>	HUMIDITY		i
APR	00-02	94.3	60 - 3	33.5	19.4	11.2	5.0	5 • 6	.4	• 3	28 • 2	75£	
	03-05	96.6	70 • C	46.3	27.2	16.5	9.3	3.3	. 5		32 • 4	75€	
	36-68	98.5	73 • 3	45.6	25.9	15.1	7.1	1.9	. 3		32.3	756	
	C9-11	92.7	55 • 7	27.6	14.2	6.2	1.9	. 9	.4	•1	25.5	75€	
	12-14	81.5	36 • 0	13.5	5.7	2.1	1.1	. 5	.1		19.5	75€	
	15-17	73.1	23.3	8.3	4.0	1.7	1.0	. 4			16.7	721	
	18-20	73.4	29 . 7	11.6	6.9	3.0	1 1 • 3	. 5			18.3	627	
	21-23	85.6	43 • 9	21.9	10.8	5.9	2.4	1.3	. 3		22.8	627	
	TOTALS	87.0	49 . C	26.0	14.3	7.7	3.6	1.4	.3	•1	24.5	5755	
		. <i></i>						• • • • • • • •	• • • • • • •				

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

	_	R: 747340		NAME:	WHITE SAN	DS MR NM			H	ERIOD OF ONTH: MAY		53-62	
	FOURS				FRE QUENC			MIDITY GR	EATER TI		HEAN	TOTAL	1
	i	1 103	201	364	403	50%	60\$	70%	8 0 8	908	HUMIDIT	71 OBS	İ
MAY	00-02	88.6	56 • 5	34.8	22.9	12.7	5.6	.9	.1		28.0	750	
	03-65	94.5	66 • 8	44.6	29.5	18.6	8.4	3.9	.4		32 • 4	776	
	J6-08	95,8	67.5	40.7	24.8	14.1	5.6	1.1	.1		30 • 4	785	
	09-11	88.1	ų9 • C	21.9	8.4	2.7	•6	•1	• i		22.7	789	
	12-14	74.8	28 • 8	8.5	2. 7	1.5	.4				17.3	785	
	15-17	63.1	20 • g	6.9	2 • 5	1.6	.4	•1	.1	.1	15.3	754	
	18-23	67.3	27 • 7	11.5	5 • 1	2.5	•5	. 3			17.2	643	
	21-23	78.5	43 • 7	25.2	12.4	7.8	2.3	. 8			22.7	615	
	I I TOTALS	1 83.4	45 - 0	24.3	13.5	7.7	3.0	. 9	•1	•0	23.3	5905	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: JUN

PERCENTAGE FREQLENCY OF RELATIVE FUHIDITY GREATER THAN | MEAN | TOTAL | |RELATIVE | NUP | |HUMIDITY| 085 | MONTH FOURS 783 264 362 403 50\* 60% 803 902 10\* 30.2 658 1.7 •6 13.2 6.5 22.2 42.1 JUN | 38-52 93.5 67.8 35.4 736 34.7 21.7 10.4 4.2 1.1 . 3 52.6 03-05 95.9 75 . 7 33.8 766 .9 16.5 7.3 2.6 51.6 31.4 97.8 73 . 8 26-68 25.5 76 Ł 1.3 . 7 . 1 3.5 31.5 12.9 C9-11 91.7 58 . 5 19.1 76£ 3.0 1.2 12.0 82.4 37.0 12-14 17.0 75£ •5 - 1 . 1 2.9 1.2 27 . 6 8.1 15-17 74.6 619 20.0 2.1 . 8 .6 . 2 16.2 9.0 4.0 76.6 36.0 18-23 555 25.6 2.0 5.4 3.0 50 . 6 28.8 14.7 8.4 88.0 21-23 1.6 .7 25.8 5634 4.2 6.7 87.6 53.4 TOTALS I

CUMULATIVE PLRCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE MUMIDITY

STATION NUMBER: 74734G STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62 Montp: Jul

	POURS		PER	CENTAGE	FRE GUENC 1	OF RE	LATIVE	HUHIDITY	GREATER		MEAN    RELATIVE	TOTAL I	••••
i		16.2	25%	30%	4ú Z	50%	631			90%	[HUHIDITY]	OBS	
agr i	00-02	99.9	95 • 5	84.C	66.3	47.1	26.5	12.0	5.9	1.0	49.3	731	•••••
i	33-05	100.0	97.9	93.2	74.7	61.8	39.1	19.5	9.3	1.8	55.6	775	
	76-E8	199.5	96.2	y1.7	74.6	51.0	29.9	13.2	5.9	1.5	52.6	785	
į	29-11	100.5	93.3	71.9	42.4	19.5	9.3	4.5	2.8	. 8	40.2	78€	
	12-14	98.6	79 • 6	42.7	20.2	8.5	4.9	2.3	. 8	.1	31.4	786	
	15-17	97.7	72.1	37.2	19.2	9.6	5.4	3.1	1.3	.1	30.1	771	
į	18-21	98.6	82.0	55.7	34.3	19.1	10.2	5.4	2.3	. 3	36.3	644	
	21-23	99.4	92.1	72.6	\$ 3. 0	32.4	16.7	7.9	3.2	.6	43.4	624	
	TOTALS	99.3	86.8	66.6	49.7	31.1	17.7	8.5	3.9	.8	42.4	5902	

GLOBAL CLIMATOLOGY BRANCH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM POURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 747340 STATION NAME: WHITE SANDS HR NM

PERIOD OF RECORD: 53-62

PERCENTAGE FRECLENCY OF RELATIVE FUMIDITY GREATER THAN MONTH FOURS | (LST) |. | MEAM | TOTAL | |RELATIVE | NUP | |HUMIDITY| 085 | 201 302 762 90% 101 ALG ! 00-03 100.0 96 . 7 67.7 67.G 44.9 24.1 13.4 1.5 49.3 78€ 93-05 100.0 93.8 81.5 61.8 40.0 1.9 55.6 795 06-08 100.0 80.9 29.2 795 U9-11 42.3 6.4 78.C 2.0 . 5 39.9 795 100.0 95 . 8 99.6 18.4 31.6 795 46.8 1.0 84 · A 99.5 15-17 76 - 4 39.0 16.7 5.3 2.1 1.3 .5 29.7 775 1.7 18-20 99.9 16.0 7.2 705 86 . 7 60.0 31.5 3.0 .7 36.1 21-23 75.2 49.9 14.6 2.6 . 1 705 94 . 2 27.9 6.0 42.6 ITOTALS I 99.5 91.5 71.9 48.5 29.3 15.8 3.2 42.3 6157

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

PERIOD OF RECORD:

STATION NUMBER: 74734C STATION NAME: WPITE SANDS MR NM

										HONTH: SE	P		
HONTH	HOURS (LST)	! !	PE		FRE QUENCY			HUHIDITY	GREATER	THAN	MEAN   irelative!	TOTAL	!
		103	238	348	40 %	50%	60%	_		•	HUMIDITY		i
SEP	30+62	169.6	94 . 6	72.1	46.3	29.0	18.6		5.7		43.4	753	
	J3-55	1ca.c	96.3	84.5	62.5	41.4	26.1	16.0	9.2	2.0	49.6	754	
	06-08	150.0	97.9	63.9	64.1	39.8	24.2	14.3	8.0	1.6	49.0	753	
	79-11	99.5	85.5	56.4	32.4	17.5	9.2	4.1	2.3		36.5	754	
	12-14	99.1	66 • 5	33.6	15.0	8.6	5.3	2.9	1.2	.3	28.8	753	
	15-17	98,5	59 . 5	27.8	15.2	9.7	6.7	3.2	1.9	•1	27.5	744	
	18-23	99.3	82.7	44.8	24.5	15.9	11.6	6.6	2.9	.3	34.3	695	
	21-23	99.7	93.9	59.3	36.7	21.0	14.1	10.4	5.3	. 9	39.4	706	
	 	; 	84.2	57.8	37.2	22.9	14.5	8.5	4.6	.8	36.6	591(	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

and a property of the second o

STAT1	ON NUMBE	R: 747340	STATION	NAKE :	WHITE SAN	DS MR NP				PERIOD OF MONTH: OC	7	53-62	
PONTE	FOURS	1		CENTAGE	FRE OL ENC	Y OF REL				THAN	MËAN  RELATIVE	TOTAL   NUP	1
	1	1 161	201	368	40 %		\$03	70%			PTICIMUNI	085	İ
001	]   30-02	99.4	95.3	74.C	5 C • 2	33.2	24.2	16.2	7.7	2.0	46.1	813	•••••
	33-25	100.0	76 . 3	86.5	63.6	41.8	28.7	19.4	10.6	4.1	50.9	813	
	J6-08	130.0	97.9	67.0	65.6	43.1	28.7	16.3	10.9	3.3	51.1	813	
	09-11	130.0	93.9	61.9	37.3	23.0	12.8	6.0	3.4	.7	39.3	813	
	12-14	99.4	72 • 1	39.1	22.1	12.2	6.6	3.8	1.6	.2	31.4	813	
	15-17	98.4	67 • 3	37.5	19.8	12.9	7.4	3.1	1.3		30.4	796	
	18-20	99.5	85 - 7	>9.4	36.2	23.2	15.4	8.5	3.4	.7	38.9	741	
	21-23	99,3	96.3	68.2	44.1	29.4	21.6	12.4	6.5	1.1	43.0	741	
	TOTALS	99.6	87 • 2	64.2	42.4	27.4	18.2	11.0	5.7	1.5	41.4	6345	

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATI	ON NUMBEI	R: 747343	STATION	NAME:	WPITE SAN	DS MR NF	•			PERIOD OF HONTH: NO		53-62	
HONTH	I HOURS				FRE GUENC		ATIVE HU	MIDITY G	REATER	THAN	MEAN   RELATIV	I TOTAL	}
	1	103	201	36\$	40 %	50%	601	7 <sub>6</sub> %	80%	90%	TIGINUH		.i
NOV	   00-02	100.0	96 • 6	85.1	57.7	34.6	19.0	9.2	3.0	1.1	46.3	731	,
	03-65	130.5	97 • 7	68.4	66.6	44.8	24.9	11.9	6.0	1.6	50.1	732	
	26-08	100.0	99.0	90.8	71.7	45.1	23.9	11.9	5.9	1.0	50.6	725	
	09-11	99.9	93 • 7	68.4	37.7	17.6	10.2	5.2	1.9	.4	39.2	735	
	12-14	99.0	78.3	37.2	15.6	7.4	4.8	2.0	1.6	•1	30.4	732	
	15-17	99.6	77.5	39.1	16.9	7.8	4.7	3.4	1.9	.4	30.8	726	
	18-23	100.0	93 • 2	72.7	38.4	19.4	10.8	6.4	2.7	.4	40.1	675	
	21-23	100.0	95.9	01.4	50.0	28.0	14.5	6.7	4.7	1.0	43.9	676	
	TOTALS	99.8	91.5	70.4	44.6	25.6	14.1	7.3	3.5	. 6	41.4	574C	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 74734C STATION NAME: WHITE SANDS HR NM PERIOD OF RECORD: PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL | | RELATIVE | NUM | | HUMIDITY | OBS | HONTE FOURS 302 40 \$ 60% 80% 901 20% 50% 70% 103 80+C2 99.6 a5.3 46.1 28.1 14.7 7.6 3.0 50.6 701 68.8 73-05 55.1 35.9 19.7 100.0 26-08 59.2 3.5 98 . 7 94.0 76.7 20.3 11.4 56.0 719 100.0 79-11 99.9 5 3 . 1 30.7 19.6 9.8 1.9 96 . 9 76.3 5.2 45.3 74£ 12-14 99.7 53.2 8.6 4.5 2.2 . 7 35.3 83.4 29.0 15.2 741 15-17 99.6 53.4 27.0 14.8 7.3 3.8 1.4 34.5 710 81.7 . 6 18-23 74.2 52.7 29.3 14.3 6.6 3.0 . 3 43.2 624 21-23 99.5 96.0 79.9 6C.5 37.9 21.3 9.9 3.6 . 8 46.6 626 I TOTALS 36.0 21.8 11.2 5573

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

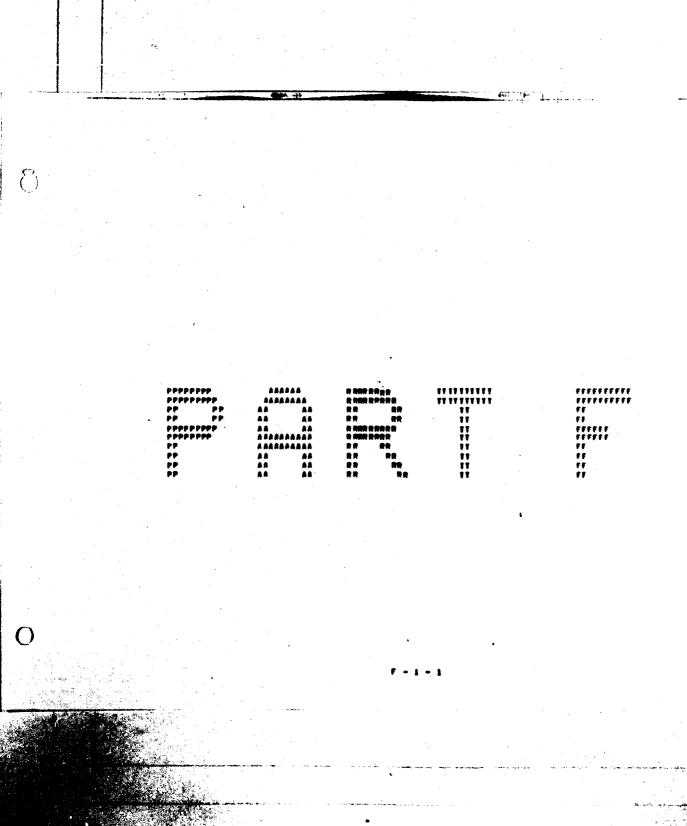
RELATIVE HUMIDITY

STATION NUMBER: 74734C STATION NAME: WHITE SANDS MR NM

PERIOD OF RECORD: 53-62 MONTH: ALL

HONTH	HOURS (		PERCENTA		FRE QUENCY	OF RELATIVE				THAN	MEAN I	TOTAL   NUP
		163	20%	361	4G %	50%	60%	70%	808	902	[HUMIDITY]	
JAN	ALL	99.7	94 • 6	77.7	55.2	35.8	21.2	11.6	6.2	2.4	46.0	6086
FEB		98.7	82.0	57.7	34.9	19.6	10.5	5.6	2.9	1.2	36.8	5586
MAR		94.3	65 • 7	41.1	25.9	15.9	9.7	5.7	2.8	1.1	31.7	6112
APR		87.C	49.0	26.0	14.3	7.7	3.6	1.4	. 3	.1	24.5	5755
HAY		81.4	45 • C	24.3	13.5	7.7	3.0	. 9	. 1		23.3	5905
JUN		87,6	53.4	30.4	16.4	8.7	4.2	1.6	.7	•1	25.8	5634
JUL		99.3	86 · 8	08.6	48.7	31.1	17.7	8.5	3.9	.8	42.4	5902
a US		99.9	91.5	71.9	48.5	29.3	15.9	6.6	3.2	. 6	42.3	6157
SEP		99.6	84 . 2	57.8	37.2	22.9	14.5	8.5	4.6	. 8	38.6	5910
001		99.6	87.2	64.2	42.4	27.4	18.2	11.0	5.7	1.5	41.4	6345
NOV		! ! 99.8	91 • 5	70.4	44.6	25.6	14.1	7.3	3.5	.8	41.4	5740
DEC		99.6	93.5	76.1	55.5	36.0	21.8	11.2	5.6	1.8	45.7	5573
	TOTALS	l   95.6	77.2	55.5	36.4	22.3	12.9	6.7	3.3	.9	36.7	70705

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### PRESSURE SUMMARIES

### STATION PRSSURE SUMPARIES

PATA DERIVED FROM POURLY OBSERVATIONS.

SUMPARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED). PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

## SEA LEVEL PRESSURE SUMMARIES

CATA DERIVED FROM MOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-MOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

FRESENTED ARC THE MEANS, STANDARD DEVIATIONS AND ORSERVATION COUNTS.

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STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

HEARS AND STANDARD DEVIATIONS

STATION NUMBER: 74734C STATION NAME: WPITE SANDS MR NM

1	STATS	I JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	0CT	NOA	rec	ANA
· · · i	MEAN		£ 25.717	25.666	25.663	25.670	25.683	25.765	25.775	25.748	25.767	25.793	25.807	25 - 7 39
	SD	1 .15			.122	.111	-089	.069	-073	. 295	. 123	.146	-155	- 1 30
	101 085			262	251	250	226	250	265	251	271	244	234	30.67
į	PEAN	1 25.78	5 25.716		25.676	25.685		25.779			25,777	25-798	25.800	25.746
	SD	1 .15		.134	. 1 23	.108	.086	-066	.072	.093	•123	.146	.152	• 1 27
	TOT OF:	1 25		262	251	263	256	262	265	252	271	247	236	30 62
ï	MEAN	1 25.81	4 25.749	25.727		25.720	25.737	25.809	25,817	25.794	25.812	25.833	25.830	25.780
	50	1 .15		.139	.127	.109	.085	.066	.071	.094	.121	.149	.151	. 1 29
	101 08	1 26	-	262	252	263	256	262	265	251	271	244	248	3072
ï	MEAN	25.82	7 25.756	25.722	25.700	25.703	25,720	25.793	25.807	25.788	25.805	25.829	25.836	25.774
. 1	SD	1 .15	3 . 146	.136	.127	.105	.083	•065	.069	.089	.120	.150	.149	• 1 29
-	101 085	1 26	C 238	262	2,52	263	256	261	265	252	271	246	250	3076
	MEAN	1 25.75	4 25 68 6	25.653	25 6 35	25.645	25.664	25.737	25.749	25.726	25.739	25.764	25.770	25:710
1	50	1 .15	3 .143	.136	.1 26	.102	.080	.069	.069	.089	.118	.149	.146	. 1 28
	101 0B			261	2 52	263	256	261	265	251	271	244	247	3068
	MEPN	1 25.75		25 34			25.619	25.695	25.712	25.696	25.727	25.746	25.768	25.687
	50	1 .14			.124	.096	.079	.067	.069	.089	-118	-140	.149	• 1 28
ı	101 085	1 24	7 22 7	243	217	228	243	246	250	242	256	240	219	2858
•••	PEAN	1 25.77	25.694	25.662	25.631	25.630	25.637	25.723	25.736	25.718	25.746	25.772	25,791	25 • 7 12
	SD	1 - 14			.123	.103	.076	.069	.073	.092	• 121	.139	.155	. 1 30
ı	101 089	1 23	8 219	235	2 (9	205	187	20g	235	233	247	225	208	2649
•••	MEAN	1 25.79	1 25.716	25.689		25.669	25.681	25.767	25.773	25.744	25.765	25.790	25.410	25.740
	Sti	1 ,14	9 - 143	.129	-121	.105	.083	.070	.073	.095	- 122	-138	.154	• 1 29
ı	101 OBS	23	8 219	234	2 08	204	186	207	235	234	247	228	212	2652
•••	MEAN	1 25.78	7 25.713	25.684	25.663	25.668	25.683	25.759	25.778	25.747	25.768	25.791	25.802	25.737
LI	ŠD	1 .15	2 .146	.137	. 1 28	.111	.091	.076	.078	.097	.123	.147	.153	. 1 32
RSI	TOT OUS	2 2 2	0 1855	2021	18 92	1939	1866	1957	2045	1966	2105	1918	1854	23438

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SEA LEVEL PRESSURE IN MRS FROM HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 74734C STATION NAME: MPITE SANDS MR NM

PERIOD OF RECORD: 53-62

The state of the s

HOURS	STATS I	JÁN	FEB	MAR	APR	MAY	JUN	JUL	≱UG	SEP	ocī	NOV	FEC	ANR
92 (	MEAR     SD    101 085	7.279 241	6.525 221	6.206 243	1009.3 5.161 232	5.020 237	1007.3 3.657 211	1010.3 2.965 233	1010.6 3.158 248	1010.5 3.904 233	1013.4 5.416 256	1016.7 6.490 222	1018.8 7.028 222	1012.6 6.536 2799
05	MEAN SC TOT OBS	1018.7	1015.0 6.635 238	1013.1 6.263 257		1009.3 4,876 262		1011.0 2.863 256	1011.2 3.061 263	3.856 252	5.388 271	1017.5 6.420 246	1019.2 7.136 235	1013.2 6.445 3025
78 I	101 085 I	7.459 256	6.757 238	6.459 257	5 • 4 25 2 34	4.837 249	3.539 224	1012.2 2.851 239	1012.5 2.992 257	1012.7 3.858 251	1015.6 5.385 271	1019.1 6.460 243	102 <sub>0</sub> .8 7.197 233	1014 •8 6 • 5 54 29 54
11	MEAN   SD   Tot ors	1020.2 7.182 258	1016.4 6.56G 238	1014.2 6.384 257	1011 · 0 5 · 3 8 2 2 3 4	4.581 249	1006.7 3.522 223	2.911	1011.8 3.019 257	1012.1 3.747 252	1015.0 5.257 271	1018.5 6.408 247	1020.4 6.947 235	1014 -2 6.573 2960
14	TOT OHS!	1017.0 7.027 259	1013.3 6.352 236	1011.2 6.164 261	1008.4 5.1 P6 252	1007.5 4.539 250	1006.5 3.421 226	1009.2 3.020 251	10 <sub>0</sub> 9.5 3.034 265	1009.6 3.723 251	1012.2 5.172 271	1015.6 6.420 243	1017.4 6.839 234	1011.5 6.309 3001
17	MEAN I	7.101	1013.2 6.397 210	1011.0 6.26u 225	1007.4	1006.3 4.446 215	1004.9	1007.7 2.925 233	100g.4 2.980 235	1000.8 3.663 224	1012.3 5.295 241	1015.6 6.054 2 <sub>1</sub> 7	1018-0 7.008 207	1010.9 6.719 2669
20 I	MEAN     SD    TOT O <sub>B</sub> S	7 • 268 220	1014.8 6.674 201	1012.4 6.321 217	1008.5 5.220 194	1007-3 4-741 191	1005.6 3.253 174	100#.7 2.986 195	1009.3 3.088 220	1009.6 3.801 215	1013.3 5.449 232	1016.9 6.016 202	1019.3 7.139 195	1012 .2 6 . 9 24 24 56
23	SD    101 085	1018.4 7.275 220	1015.1 6.585 232	1013.0 6.263 217	5 • 1 15 1 94	1006.4 4.879 191	3.579 173	3.054 195	3.235 220	3.908 216	1013.6 5.437 232	1017.1 6.047 206	7.186 198	1012.9 6.480 2464
ALL	MEAN	1018.8	1014.9 6.655 1746		1009 -6 5 - 4 26 17 75	1844	10 <sub>0</sub> 7.3 3.841 1716	1010.1 3.263 1441	1010.5 3.324 1765		1013.6 5.464 2045		1019.2 7.124 1759	1612 -a 6 - 6 57 22328

# DATE FILMED

